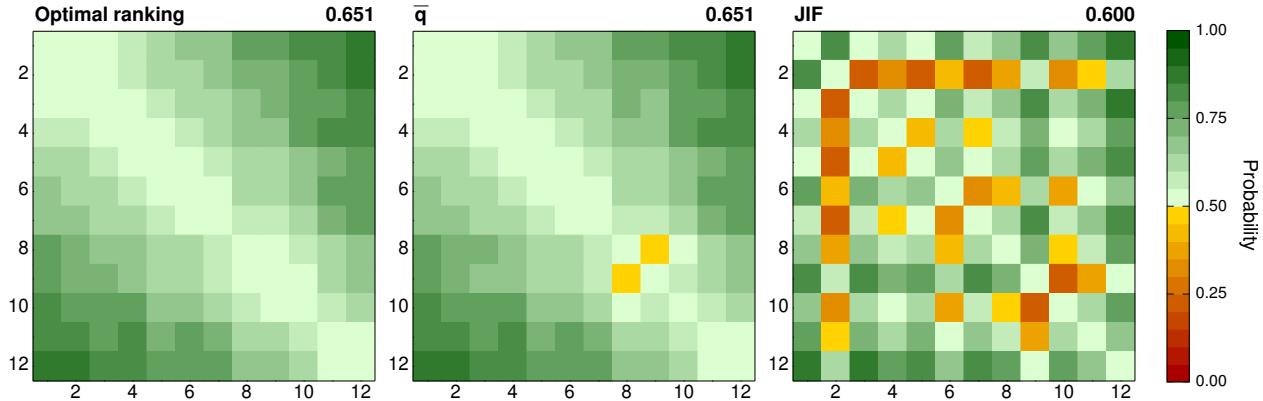


ACOUSTICS

ISI Category Description Acoustics covers resources on the study of the generation, control, transmission, reception, and effects of sounds. Relevant subjects include linear and nonlinear acoustics; atmospheric sound; underwater sound; the effects of mechanical vibrations; architectural acoustics; audio engineering; audiology; and ultrasound applications.

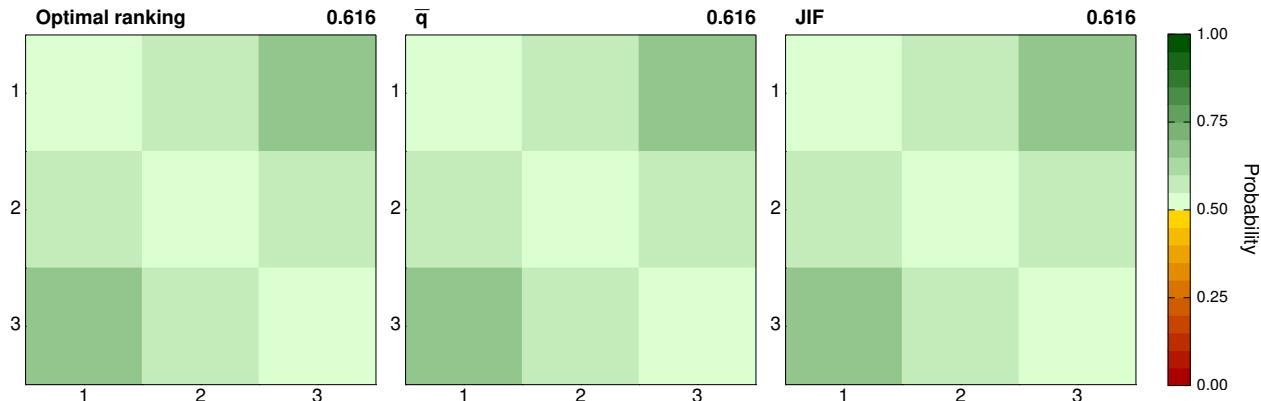


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | 1 | ULTRASOUND OBST GYN | 1.15 | 0.35 | 18.5 | 12 | 2.288 | 1995–1997 |
| 2 | 3 | 3 | ULTRASOUND MED BIOL | 1.15 | 0.41 | 19.6 | 12 | 2.011 | 1979–1998 |
| 3 | 5 | 5 | J ACOUST SOC AM | 1.11 | 0.47 | 21.9 | 10 | 1.433 | 1954–1990 |
| 4 | 7 | 7 | J ULTRAS MED | 1.04 | 0.36 | 13.2 | 9 | 1.189 | 1981–1995 |
| 5 | 4 | 4 | IEEE T ULTRASON FERR | 0.97 | 0.42 | 13.4 | 7 | 1.729 | 1985–1998 |
| 6 | 10 | 10 | J CLIN ULTRASOUND | 0.92 | 0.36 | 10.5 | 6 | 0.573 | 1983–1996 |
| 7 | 8 | 8 | J SOUND VIB | 0.87 | 0.43 | 10.7 | 6 | 0.884 | 1966–1994 |
| 8 | 6 | 6 | ULTRASONICS | 0.71 | 0.42 | 7.6 | 4 | 1.322 | 1965–2001 |
| 9 | 11 | 11 | J VIB ACOUST | 0.73 | 0.49 | 7.0 | 4 | 0.565 | 1984–1997 |
| 10 | 2 | 2 | ULTRASCHALL MED | 0.62 | 0.37 | 4.5 | 3 | 2.103 | 1982–2003 |
| 11 | 9 | 9 | J AUDIO ENG SOC | 0.46 | 0.45 | 4.3 | 2 | 0.639 | 1964–2003 |
| 12 | 12 | 12 | APPL ACOUST | 0.37 | 0.45 | 2.9 | 1 | 0.484 | 1976–2002 |

AGRICULTURAL ENGINEERING

ISI Category Description Agricultural Engineering covers resources concerning many engineering applications in agriculture, including the design of machines, equipment, and buildings; soil and water engineering; irrigation and drainage engineering; crop harvesting, processing, and storage; animal production technology, housing, and equipment; precision agriculture; post-harvest processing and technology; rural development; agricultural mechanization; horticultural engineering; greenhouse structures and engineering, bioenergy and aquacultural engineering.

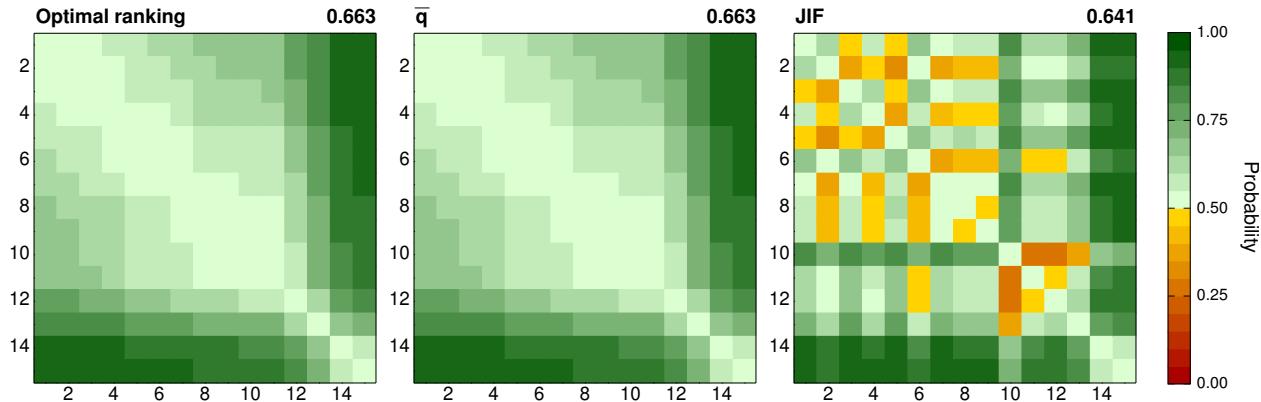


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | BIORESOURCE TECHNOL | 0.90 | 0.37 | 9.9 | 6 | 2.180 | 1991–2001 |
| 2 | 2 | BIOMASS BIOENERG | 0.80 | 0.39 | 7.0 | 5 | 1.483 | 1990–2002 |
| 3 | 3 | J IRRIG DRAIN E-ASCE | 0.63 | 0.39 | 5.0 | 3 | 1.250 | 1982–2002 |

AGRICULTURE, DAIRY & ANIMAL SCIENCE

ISI Category Description Agriculture, Dairy & Animal Science covers resources on the selection, breeding and management of livestock, including animal science, animal nutrition, poultry science, animal breeding and genetics, dairy science, and animal production science.

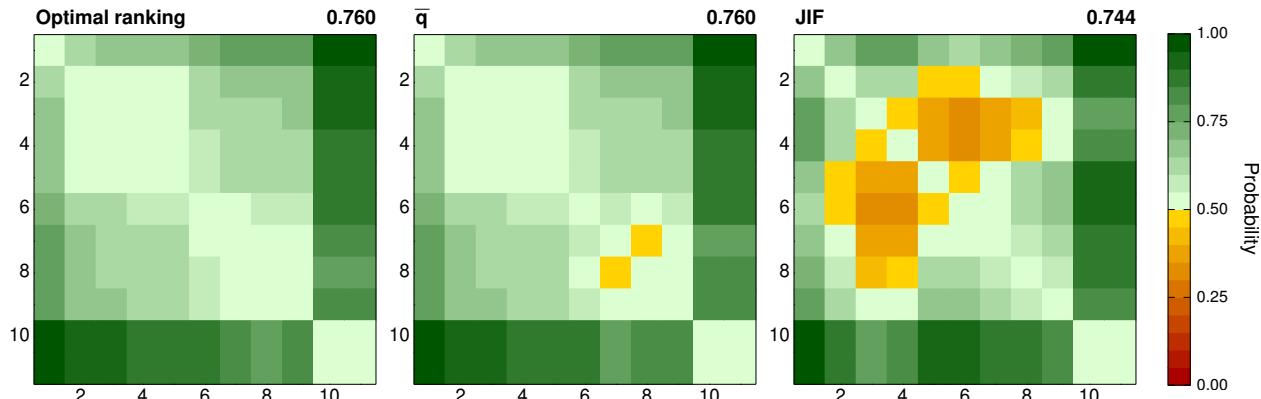


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 5 | J DAIRY RES | | 1.20 | 0.40 | 20.1 | 13 | 1.407 | 1954–1998 |
| 2 | 3 | J ANIM SCI | | 1.17 | 0.38 | 19.5 | 12 | 1.983 | 1954–1996 |
| 3 | 1 | J DAIRY SCI | | 1.14 | 0.40 | 18.8 | 11 | 2.284 | 1958–1998 |
| 4 | 7 | APPL ANIM BEHAV SCI | | 1.11 | 0.38 | 15.3 | 11 | 1.177 | 1983–1994 |
| 5 | 9 | LIVEST PROD SCI | | 1.05 | 0.39 | 13.9 | 9 | 1.131 | 1976–1998 |
| 6 | 8 | BRIT POULTRY SCI | | 1.04 | 0.39 | 13.5 | 8 | 1.135 | 1968–1996 |
| 7 | 4 | POULTRY SCI | | 0.99 | 0.38 | 12.0 | 8 | 1.656 | 1954–1999 |
| 8 | 2 | ANIM REPROD SCI | | 0.95 | 0.37 | 11.2 | 7 | 2.186 | 1979–2001 |
| 9 | 12 | CAN J ANIM SCI | | 0.93 | 0.37 | 10.3 | 7 | 0.767 | 1963–1994 |
| 10 | 11 | J RANGE MANAGE | | 0.90 | 0.37 | 9.9 | 6 | 0.859 | 1966–1995 |
| 11 | 6 | ANIM FEED SCI TECH | | 0.89 | 0.38 | 10.3 | 6 | 1.290 | 1976–1997 |
| 12 | 13 | SMALL RUMINANT RES | | 0.76 | 0.37 | 6.2 | 5 | 0.637 | 1988–1991 |
| 13 | 10 | J ANIM PHYSIOL AN N | | 0.56 | 0.39 | 3.7 | 3 | 1.075 | 1995–2001 |
| 14 | 14 | ARCH TIERZUCHT | | 0.23 | 0.39 | 1.7 | 1 | 0.518 | 1975–2005 |
| 15 | 15 | INDIAN J ANIM SCI | | 0.09 | 0.41 | 1.1 | 0 | 0.064 | 1973–1999 |

AGRICULTURE, MULTIDISCIPLINARY

ISI Category Description Agriculture, Multidisciplinary covers resources having a general or interdisciplinary approach to the agricultural sciences. Regional and multi-subject resources are also covered.

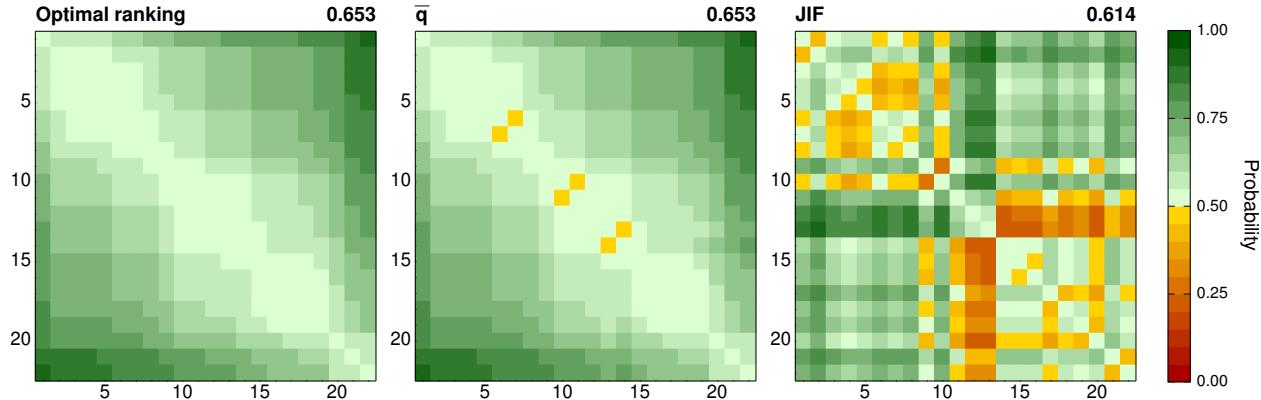


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | J AGR FOOD CHEM | | 1.20 | 0.38 | 21.2 | 13 | 2.322 | 1966–1994 |
| 2 | 6 | J SCI FOOD AGR | | 1.00 | 0.40 | 12.8 | 8 | 1.026 | 1986–1996 |
| 3 | 5 | AUST J AGR RES | | 0.97 | 0.38 | 10.8 | 7 | 1.133 | 1987–1998 |
| 4 | 2 | AGR ECOSYST ENVIRON | | 0.97 | 0.44 | 11.4 | 7 | 1.832 | 1982–2001 |
| 5 | 7 | J AGR SCI | | 0.93 | 0.41 | 12.7 | 6 | 0.861 | 1979–1996 |
| 6 | 8 | AUST J EXP AGR | | 0.80 | 0.35 | 7.2 | 5 | 0.861 | 1975–1996 |
| 7 | 4 | AGR SYST | | 0.73 | 0.40 | 6.9 | 4 | 1.378 | 1978–2002 |
| 8 | 3 | ANN APPL BIOL | | 0.74 | 0.49 | 7.7 | 4 | 1.379 | 1984–1998 |
| 9 | 9 | NEW ZEAL J AGR RES | | 0.72 | 0.39 | 5.7 | 4 | 0.530 | 1990–2001 |
| 10 | 10 | PESQUI AGROPECU BRAS | | 0.04 | 0.41 | 1.0 | 0 | 0.286 | 1980–2003 |
| 11 | 11 | INDIAN J AGR SCI | | 0.02 | 0.39 | 0.9 | 0 | 0.106 | 1973–1999 |

AGRONOMY

ISI Category Description Agronomy covers resources on the selection, breeding, management, and post-harvest treatment of crops including crop protection and science, seed science, plant nutrition, plant and soil science, soil management and tillage, weed science, agroforestry, agroclimatology, and agricultural water management.

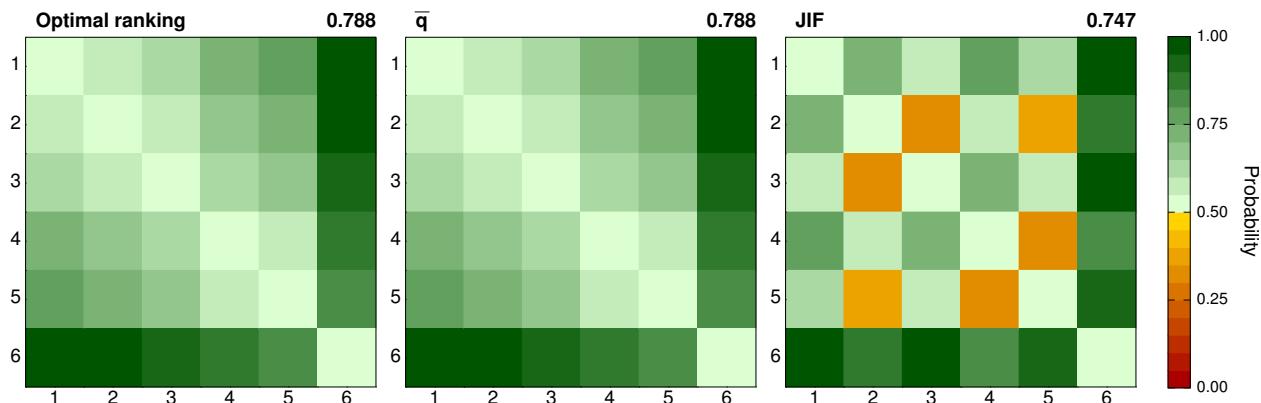


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | THEOR APPL GENET | 1.25 | 0.40 | 23.9 | 15 | 2.715 | 1985–1999 | |
| 2 | 6 | PLANT SOIL | 1.12 | 0.40 | 17.1 | 11 | 1.495 | 1988–1991 | |
| 3 | 10 | CROP SCI | 1.10 | 0.38 | 16.6 | 10 | 1.153 | 1967–1995 | |
| 4 | 8 | AGRON J | 1.10 | 0.38 | 16.5 | 10 | 1.272 | 1966–1994 | |
| 5 | 1 | AGR FOREST METEOROL | 1.09 | 0.39 | 17.3 | 10 | 2.903 | 1983–2002 | |
| 6 | 7 | WEED SCI | 1.03 | 0.37 | 13.3 | 9 | 1.476 | 1967–1999 | |
| 7 | 3 | PLANT PATHOL | 1.04 | 0.37 | 12.8 | 9 | 2.198 | 1981–1993 | |
| 8 | 5 | FIELD CROP RES | 1.00 | 0.38 | 12.1 | 8 | 1.634 | 1977–2000 | |
| 9 | 4 | WEED RES | 0.94 | 0.37 | 12.4 | 7 | 1.705 | 1965–1998 | |
| 10 | 20 | SOIL SCI PLANT NUTR | 0.88 | 0.37 | 9.7 | 6 | 0.443 | 1978–1994 | |
| 11 | 14 | PLANT BREEDING | 0.89 | 0.39 | 9.2 | 6 | 0.954 | 1985–1996 | |
| 12 | 16 | EUPHYTICA | 0.84 | 0.38 | 8.0 | 5 | 0.907 | 1984–1998 | |
| 13 | 15 | AGROFOREST SYST | 0.81 | 0.30 | 7.1 | 5 | 0.921 | 1999–2001 | |
| 14 | 18 | WEED TECHNOL | 0.82 | 0.40 | 8.2 | 5 | 0.626 | 1986–2000 | |
| 15 | 9 | CROP PROT | 0.75 | 0.37 | 6.6 | 4 | 1.199 | 1982–2001 | |
| 16 | 19 | CAN J PLANT SCI | 0.75 | 0.41 | 6.3 | 4 | 0.484 | 1988–1997 | |
| 17 | 22 | COMMUN SOIL SCI PLAN | 0.72 | 0.41 | 8.9 | 4 | 0.302 | 1973–1995 | |
| 18 | 11 | AGR WATER MANAGE | 0.71 | 0.40 | 6.0 | 4 | 1.122 | 1977–2002 | |
| 19 | 17 | AGRONOMIE | 0.65 | 0.39 | 5.3 | 3 | 0.863 | 1980–2002 | |
| 20 | 21 | SEED SCI TECHNOL | 0.55 | 0.44 | 4.6 | 2 | 0.410 | 1976–1998 | |
| 21 | 12 | J AGRON CROP SCI | 0.44 | 0.36 | 2.8 | 2 | 1.046 | 1985–2003 | |
| 22 | 13 | CEREAL RES COMMUN | 0.36 | 0.41 | 2.7 | 1 | 1.037 | 1984–2001 | |

ALLERGY

ISI Category Description Allergy covers resources dealing with the full spectrum of immunologically-mediated hypersensitivity reactions including immediate or acute hypersensitivity, dermatitis, and asthma. This category also covers resources on the underlying cellular and molecular immunology specific to allergic reactivity, pathogenesis, tissue damage, clinical presentation, and modes of treatment.

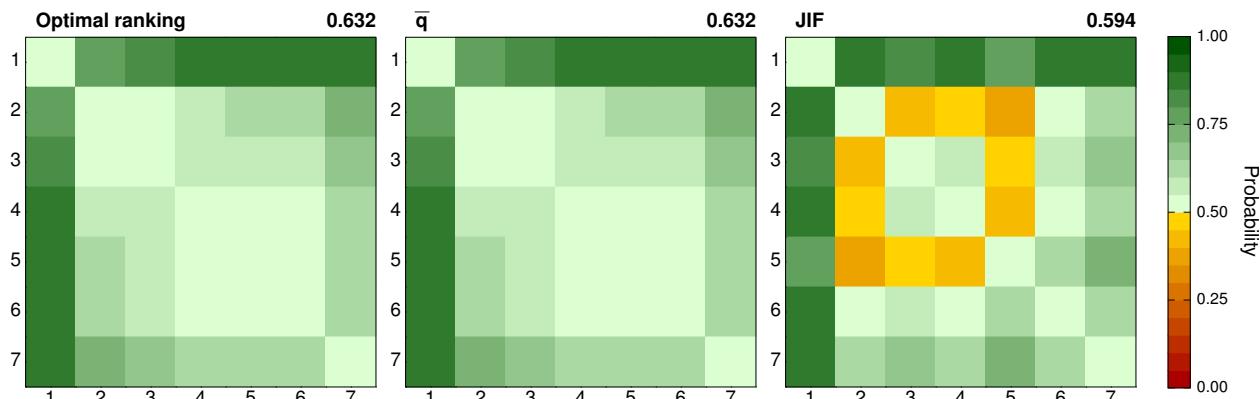


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | J ALLERGY CLIN IMMUN | | 1.39 | 0.40 | 30.8 | 21 | 8.829 | 1994–1999 |
| 2 | 3 | CLIN EXP ALLERGY | | 1.27 | 0.28 | 30.1 | 15 | 3.668 | 1988–1989 |
| 3 | 5 | CONTACT DERMATITIS | | 1.20 | 0.35 | 18.6 | 13 | 2.446 | 1975–1995 |
| 4 | 2 | ALLERGY | | 1.02 | 0.38 | 12.7 | 8 | 5.334 | 1995–2001 |
| 5 | 4 | INT ARCH ALLERGY IMM | | 0.90 | 0.40 | 10.9 | 6 | 2.524 | 1991–1992 |
| 6 | 6 | ALLERGOLOGIE | | 0.13 | 0.46 | 1.5 | 0 | 0.237 | 1981–2003 |

ANATOMY & MORPHOLOGY

ISI Category Description Anatomy & Morphology includes resources describing the characteristics, generation, and organization of structure in vertebrates or invertebrates. Topics cover embryology, developmental morphology, and functional anatomy, as well as specific structures, systems, or organisms. Resources on plant structure and embryology are placed preferentially in the PLANT SCIENCE category.

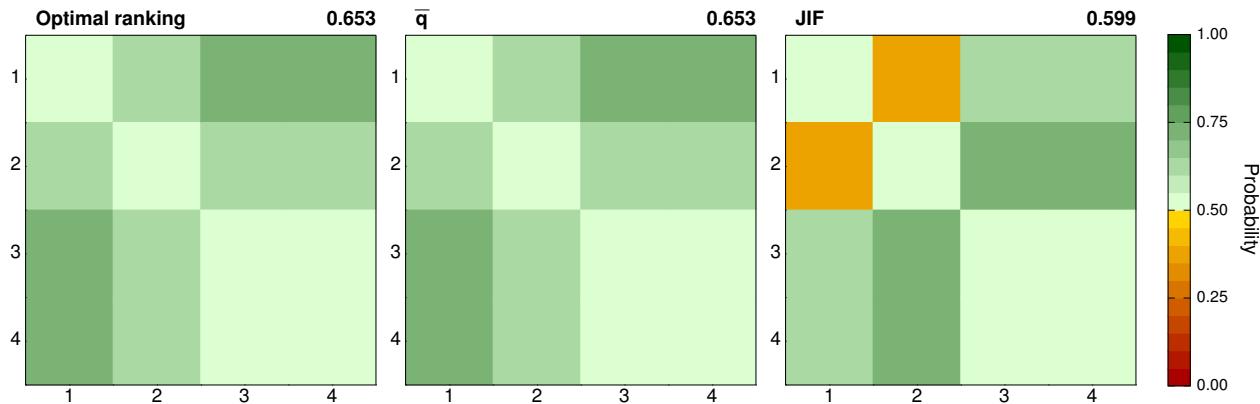


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| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | DEV DYNAM | 1.45 | 0.32 | 37.0 | 26 | 3.169 | 1991–1997 |
| 2 | 5 | ANAT EMBRYOL | 1.04 | 0.35 | 13.9 | 9 | 1.277 | 1993–1999 |
| 3 | 3 | MICROSC RES TECHNIQ | 1.00 | 0.41 | 12.1 | 8 | 1.680 | 1991–2001 |
| 4 | 4 | J MORPHOL | 0.91 | 0.36 | 9.4 | 6 | 1.553 | 1989–2001 |
| 5 | 2 | J ANAT | 0.88 | 0.36 | 9.1 | 6 | 2.458 | 1998–2002 |
| 6 | 6 | TISSUE CELL | 0.87 | 0.33 | 8.6 | 6 | 1.094 | 1988–1999 |
| 7 | 7 | ANN ANAT | 0.64 | 0.41 | 6.9 | 2 | 0.672 | 1991–1992 |

ANDROLOGY

ISI Category Description Andrology includes resources focused on the development, function, and disorders of male morphology and reproductive systems. Topics include gonad formation, gamete generation and function, male reproductive health and endocrinology, and sex determination in the male embryo.

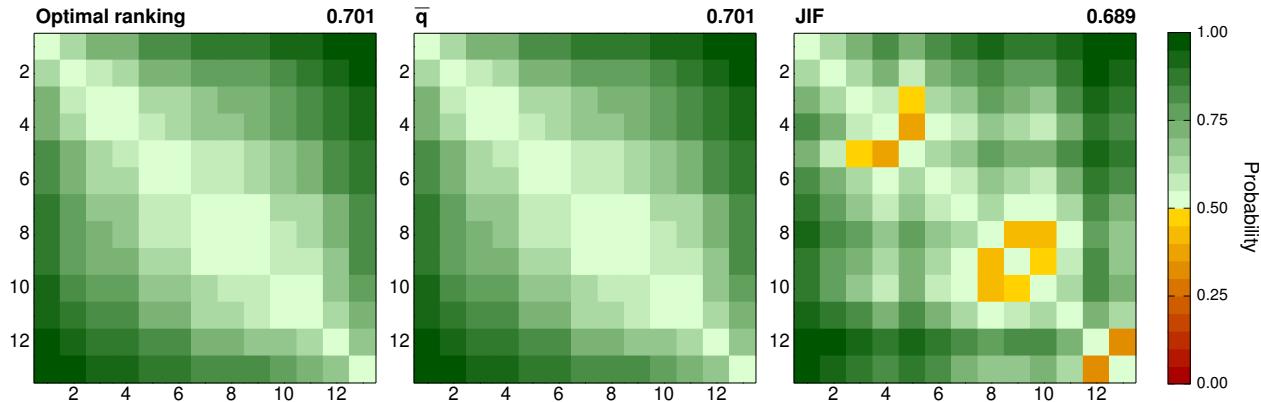


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| Rank | | | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | | | | |
| 1 | 2 | J ANDROL | 1.20 | 0.42 | 21.3 | 13 | 2.137 | 1981–1997 |
| 2 | 1 | INT J ANDROL | 1.03 | 0.44 | 13.8 | 8 | 2.183 | 1978–1997 |
| 3 | 3 | ANDROLOGIA | 0.84 | 0.40 | 7.0 | 5 | 1.025 | 1996–1998 |
| 4 | 4 | ARCH ANDROLOGY | 0.79 | 0.36 | 7.4 | 5 | 0.687 | 1978–1998 |

ANESTHESIOLOGY

ISI Category Description Anesthesiology covers resources that focus on the administration of anesthetics, the treatment of pain, and the use of life support systems. This category also includes specific resources on cardiovascular anesthesia, pediatric anesthesia, and neurosurgical anesthesia.

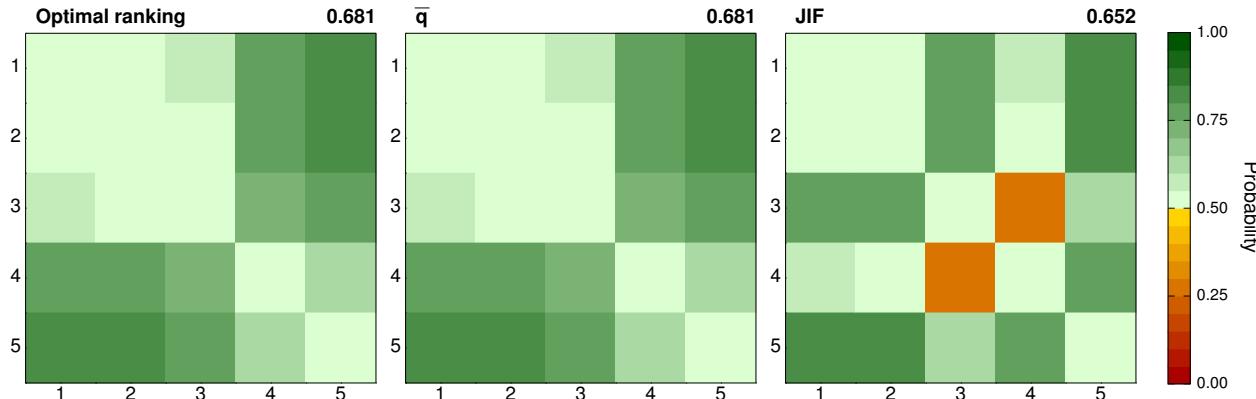


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | q-bar | | \bar{q} | σ | | | | |
| 1 | 1 | PAIN | | 1.57 | 0.35 | 52.5 | 34 | 4.836 | 1979–1996 |
| 2 | 2 | ANESTHESIOLOGY | | 1.40 | 0.45 | 35.0 | 21 | 4.207 | 1959–1993 |
| 3 | 5 | ANESTH ANALG | | 1.23 | 0.39 | 22.6 | 14 | 2.131 | 1976–1996 |
| 4 | 3 | BRIT J ANAESTH | | 1.19 | 0.41 | 21.2 | 13 | 2.679 | 1966–1995 |
| 5 | 4 | ANAESTHESIA | | 1.03 | 0.42 | 14.7 | 8 | 2.427 | 1960–1997 |
| 6 | 6 | CAN J ANAESTH | | 1.00 | 0.38 | 12.5 | 8 | 1.976 | 1985–1996 |
| 7 | 7 | ACTA ANAESTH SCAND | | 0.91 | 0.49 | 11.4 | 6 | 1.863 | 1962–1997 |
| 8 | 10 | ANAESTH INTENS CARE | | 0.87 | 0.43 | 9.9 | 5 | 0.945 | 1977–1996 |
| 9 | 9 | J CLIN ANESTH | | 0.80 | 0.41 | 8.2 | 4 | 1.028 | 1991–1992 |
| 10 | 8 | EUR J ANAESTH | | 0.73 | 0.46 | 5.9 | 4 | 1.169 | 1984–2000 |
| 11 | 11 | ANAESTHESIST | | 0.61 | 0.43 | 4.9 | 3 | 0.863 | 1972–2001 |
| 12 | 13 | ANN FR ANESTH | | 0.42 | 0.40 | 3.0 | 2 | 0.458 | 1988–2000 |
| 13 | 12 | ANASTH INTENSIVMED | | 0.10 | 0.49 | 1.4 | 0 | 0.567 | 1996–2003 |

ANTHROPOLOGY

ISI Category Description Anthropology covers resources relating to the scientific study of human beings, especially their origin, distribution, behavior, as well as their physical, social and cultural characteristics and development. This category, by definition, borrows from related resources in history, archaeology, and several other social sciences.

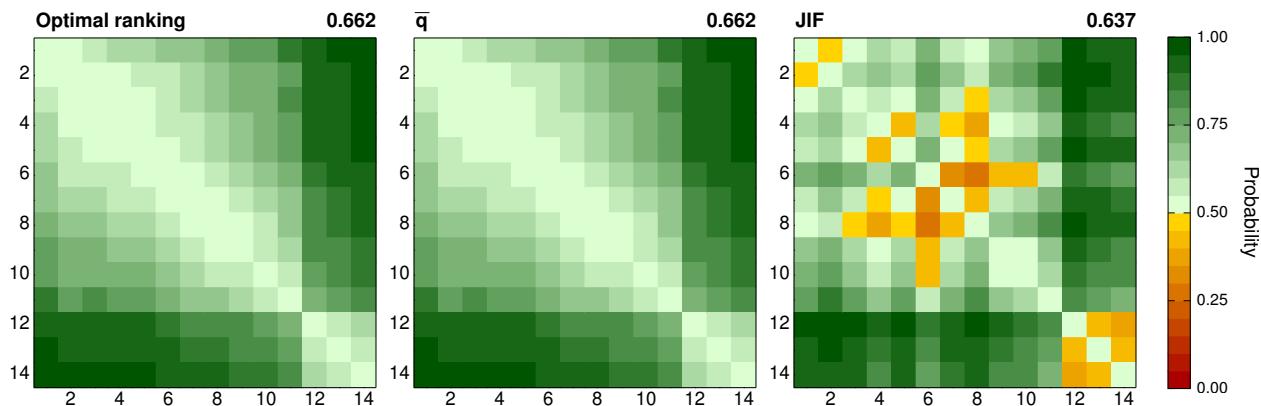


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | JIF | Optimal ranking | | \bar{q} | σ | | | | | |
| 1 | 1 | J HUM EVOL | | 1.22 | 0.35 | 18.1 | 14 | 3.267 | 1989–2000 | |
| 2 | 2 | AM J PHYS ANTHROPOL | | 1.19 | 0.40 | 19.2 | 13 | 2.136 | 1955–1992 | |
| 3 | 4 | AM ANTHROPOL | | 1.13 | 0.41 | 19.8 | 11 | 1.000 | 1955–1994 | |
| 4 | 3 | AM J HUM BIOL | | 0.76 | 0.37 | 6.4 | 4 | 1.669 | 1989–2003 | |
| 5 | 5 | ANTIQUITY | | 0.57 | 0.44 | 5.1 | 2 | 0.454 | 1955–1999 | |

ASTRONOMY & ASTROPHYSICS

ISI Category Description Astronomy & Astrophysics covers resources that focus on the science of the celestial bodies and their magnitudes, motions, and constitution. Topics include the properties of celestial bodies such as luminosity, size, mass, density, temperature, and chemical composition, as well as their origin and evolution. This category includes some resources on planetary science that focus on astrophysical aspects of planets. General resources on planetary science are placed in the GEOCHEMISTRY & GEOPHYSICS category.

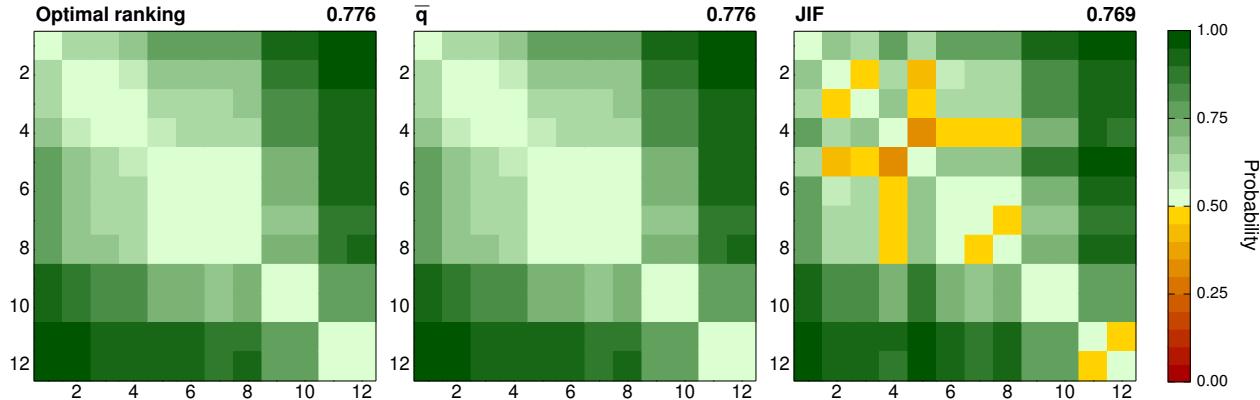


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ASTROPHYS J | 1.48 | 0.40 | 46.1 | 27 | 6.119 | 1957–1988 |
| 2 | 1 | ASTROPHYS J SUPPL S | 1.37 | 0.45 | 48.7 | 22 | 8.627 | 1992–1995 |
| 3 | 8 | ICARUS | 1.35 | 0.35 | 27.8 | 19 | 3.151 | 1980–1993 |
| 4 | 3 | MON NOT R ASTRON SOC | 1.32 | 0.40 | 32.4 | 17 | 5.057 | 1956–1994 |
| 5 | 5 | ASTRON J | 1.29 | 0.40 | 30.0 | 16 | 4.854 | 1967–1999 |
| 6 | 7 | ASTRON ASTROPHYS | 1.23 | 0.40 | 25.0 | 14 | 3.971 | 1969–1995 |
| 7 | 4 | PHYS REV D | 1.17 | 0.47 | 27.1 | 12 | 4.896 | 1982–1995 |
| 8 | 9 | PUBL ASTRON SOC JPN | 1.10 | 0.41 | 18.6 | 10 | 2.106 | 1970–1997 |
| 9 | 10 | SOL PHYS | 1.03 | 0.40 | 15.9 | 9 | 1.887 | 1985–1995 |
| 10 | 6 | PUBL ASTRON SOC PAC | 0.93 | 0.44 | 14.6 | 7 | 4.035 | 1954–2003 |
| 11 | 11 | PLANET SPACE SCI | 0.83 | 0.42 | 7.9 | 5 | 1.509 | 1995–2001 |
| 12 | 14 | EARTH MOON PLANETS | 0.38 | 0.45 | 3.0 | 1 | 0.252 | 1984–2003 |
| 13 | 13 | NUOVO CIMENTO C | 0.25 | 0.48 | 3.3 | 1 | 0.294 | 1986–1999 |
| 14 | 12 | ASTROPHYS SPACE SCI | 0.07 | 0.44 | 1.3 | 0 | 0.771 | 2000–2006 |

AUTOMATION & CONTROL SYSTEMS

ISI Category Description Automation & Control Systems covers resources on the design and development of processes and systems that minimize the necessity of human intervention. Resources in this category cover control theory, control engineering, and laboratory and manufacturing automation.

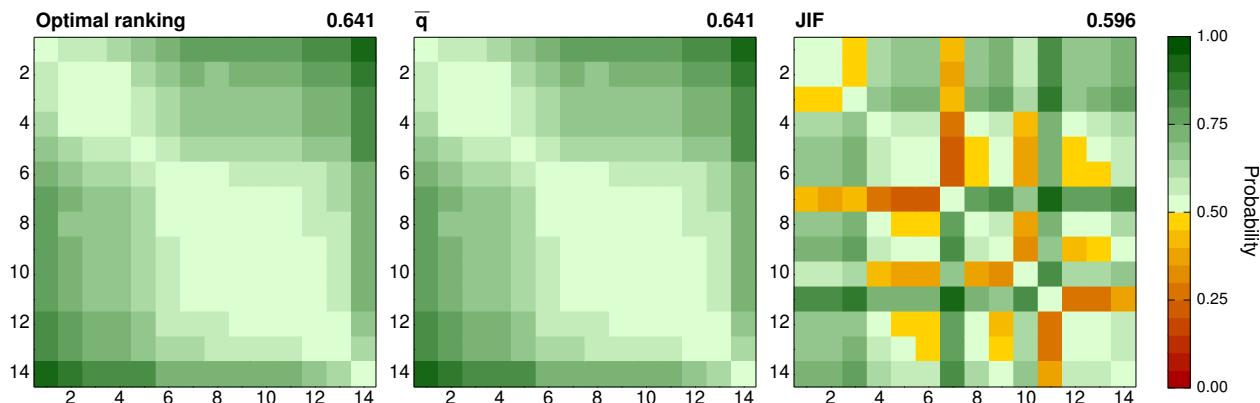


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | IEEE T AUTOMAT CONTR | 1.31 | 0.47 | 40.9 | 18 | 2.772 | 1970–1995 |
| 2 | 5 | SIAM J CONTROL OPTIM | 1.09 | 0.43 | 17.5 | 10 | 1.263 | 1976–1996 |
| 3 | 3 | AUTOMATICA | 1.04 | 0.50 | 23.9 | 9 | 2.273 | 1970–1995 |
| 4 | 2 | CHEMOMETR INTELL LAB | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 |
| 5 | 6 | INT J CONTROL | 0.79 | 0.45 | 10.3 | 4 | 0.866 | 1974–1995 |
| 6 | 8 | IEEE T IND ELECTRON | 0.76 | 0.43 | 7.7 | 4 | 0.590 | 1988–1998 |
| 7 | 7 | J DYN SYST-T ASME | 0.75 | 0.52 | 9.1 | 4 | 0.658 | 1982–1993 |
| 8 | 4 | SYST CONTROL LETT | 0.71 | 0.41 | 7.6 | 4 | 1.683 | 1994–2000 |
| 9 | 9 | J FRANKLIN I | 0.31 | 0.45 | 2.3 | 1 | 0.362 | 1985–2004 |
| 10 | 10 | INT J SYST SCI | 0.28 | 0.43 | 2.3 | 1 | 0.343 | 1986–2001 |
| 11 | 12 | CONTROL ENG | -0.37 | 0.38 | 0.2 | 0 | 0.051 | 1966–2005 |
| 12 | 11 | AUTOMAT REM CONTR+ | -0.51 | 0.44 | 0.2 | 0 | 0.251 | 1990–2005 |

BEHAVIORAL SCIENCES

ISI Category Description Behavioral Sciences covers resources dealing with the biological correlates of observable action in humans or animals. These include sleep, aggression, sexual behavior, and learning as well as the various factors, natural or pharmacological, that alter such behaviors. Resources in this category cover neurobiology, experimental psychology, ethology, cognitive assessment, and behavioral consequences of neurological disorders.

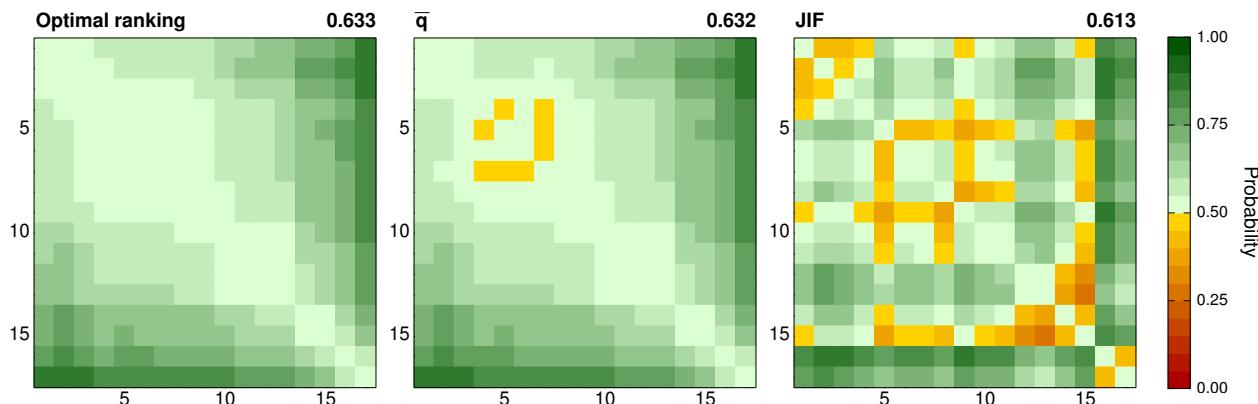


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 7 | BEHAV ECOL SOCIOBIOL | 1.60 | 0.31 | 44.4 | 36 | 2.316 | 1978–1990 |
| 2 | 3 | ANIM BEHAV | 1.51 | 0.33 | 38.6 | 28 | 2.711 | 1975–1993 |
| 3 | 1 | NEUROPSYCHOLOGIA | 1.48 | 0.41 | 48.6 | 27 | 3.924 | 1964–1995 |
| 4 | 2 | BEHAV NEUROSCI | 1.45 | 0.36 | 39.2 | 25 | 2.907 | 1984–1996 |
| 5 | 10 | J COMP PHYSIOL A | 1.37 | 0.31 | 26.4 | 21 | 1.751 | 1984–1989 |
| 6 | 4 | BEHAV BRAIN RES | 1.28 | 0.40 | 26.4 | 16 | 2.591 | 1979–1998 |
| 7 | 8 | ETHOLOGY | 1.25 | 0.34 | 19.7 | 15 | 2.245 | 1985–1993 |
| 8 | 12 | J EXP ANAL BEHAV | 1.22 | 0.38 | 23.8 | 14 | 1.221 | 1970–1991 |
| 9 | 5 | PHYSIOL BEHAV | 1.20 | 0.37 | 20.5 | 13 | 2.445 | 1975–1991 |
| 10 | 13 | BEHAVIOUR | 1.21 | 0.33 | 18.4 | 13 | 1.165 | 1988–1998 |
| 11 | 6 | BEHAV PHARMACOL | 1.20 | 0.34 | 17.9 | 13 | 2.388 | 1990–1998 |
| 12 | 9 | PHARMACOL BIOCHEM BE | 1.14 | 0.35 | 17.0 | 11 | 2.092 | 1991–1997 |
| 13 | 14 | HUM FACTORS | 1.08 | 0.40 | 15.6 | 10 | 0.861 | 1980–1996 |
| 14 | 11 | BEHAV PROCESS | 0.87 | 0.39 | 9.0 | 5 | 1.478 | 1975–2000 |

BIOCHEMICAL RESEARCH METHODS

ISI Category Description Biochemical Research Methods includes resources that describe specific techniques used in biological and biochemical research, including methods for the purification and analysis of biomolecules, the observation of the structure or function of living organisms and tissues (exclusive of microscopy), and the alteration of biomolecules for specific research applications. This category does not cover clinical applications or the development and design of diagnostic tools.

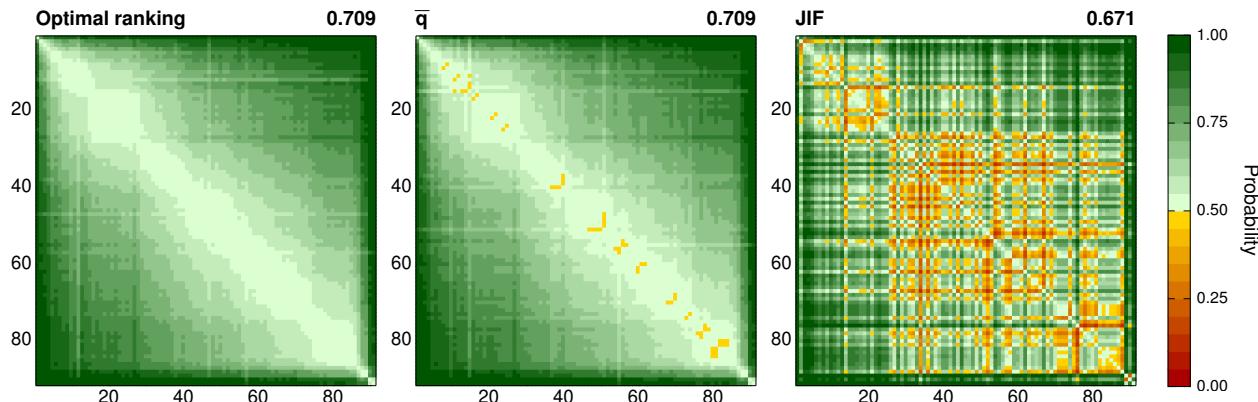


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | ANAL BIOCHEM | 1.28 | 0.47 | 67.8 | 15 | 2.948 | 1959–1989 |
| 2 | 2 | BIOCONJUGATE CHEM | 1.25 | 0.34 | 23.2 | 15 | 3.823 | 1990–2000 |
| 3 | 9 | J MAGN RESON | 1.19 | 0.40 | 30.0 | 13 | 2.076 | 1970–1992 |
| 4 | 4 | BIOTECHNIQUES | 1.15 | 0.46 | 45.6 | 12 | 2.462 | 1985–1994 |
| 5 | 15 | J CHROMATOGR SCI | 1.16 | 0.38 | 20.8 | 12 | 0.880 | 1968–1995 |
| 6 | 1 | ELECTROPHORESIS | 1.16 | 0.40 | 19.8 | 12 | 4.101 | 1994–1996 |
| 7 | 6 | J IMMUNOL METHODS | 1.16 | 0.41 | 28.4 | 11 | 2.402 | 1971–1997 |
| 8 | 7 | J NEUROSCI METH | 1.13 | 0.42 | 28.2 | 11 | 2.243 | 1980–1994 |
| 9 | 10 | MOL CELL PROBE | 1.11 | 0.35 | 17.5 | 10 | 2.016 | 1989–1994 |
| 10 | 11 | PROTEIN EXPRES PURIF | 1.07 | 0.35 | 12.8 | 9 | 1.867 | 1991–1998 |
| 11 | 8 | J VIROL METHODS | 1.03 | 0.37 | 14.1 | 9 | 2.097 | 1979–2000 |
| 12 | 14 | CHROMATOGRAPHIA | 1.02 | 0.35 | 13.8 | 8 | 1.171 | 1974–1998 |
| 13 | 5 | J MICROBIOL METH | 1.01 | 0.38 | 12.2 | 8 | 2.442 | 1998–2001 |
| 14 | 12 | BIOMED CHROMATOGR | 0.90 | 0.39 | 8.3 | 6 | 1.611 | 1988–1999 |
| 15 | 13 | J BIOCHEM BIOPH METH | 0.83 | 0.39 | 9.5 | 5 | 1.403 | 1986–2001 |
| 16 | 17 | HYBRIDOMA | 0.69 | 0.56 | 7.0 | 3 | 0.411 | 1986–2000 |
| 17 | 16 | J LABELLED COMPD RAD | 0.52 | 0.38 | 4.0 | 2 | 0.746 | 1978–2003 |

BIOCHEMISTRY & MOLECULAR BIOLOGY

ISI Category Description Biochemistry & Molecular Biology covers resources on general biochemistry and molecular biology topics such as carbohydrates, lipids, proteins, nucleic acids, genes, drugs, toxic substances, and other chemical or molecular constituents of cells, microbes, and higher plants and animals, including humans. Excluded are resources that are focus on biochemistry in cells, tissues or organs and those whose primary focus is the organism of study, e.g. plants, microbes, etc. Excluded, also, are resources that focus on methods in biochemistry or molecular biology.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-------|-----|--------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | CELL | | 2.35 | 0.30 | 306.3 | 216 | 29.194 | 1994–1997 |
| 2 | 3 | EMBO J | | 1.97 | 0.33 | 119.7 | 85 | 10.086 | 1986–1993 |
| 3 | 4 | PLANT CELL | | 1.87 | 0.34 | 92.4 | 72 | 9.868 | 1988–1995 |
| 4 | 5 | MOL CELL BIOL | | 1.80 | 0.33 | 82.7 | 57 | 6.773 | 1986–1995 |
| 5 | 13 | J MOL BIOL | | 1.70 | 0.39 | 89.0 | 45 | 4.890 | 1972–1993 |
| 6 | 10 | J BIOL CHEM | | 1.69 | 0.33 | 62.9 | 45 | 5.808 | 1990–1993 |
| 7 | 8 | ONCOGENE | | 1.66 | 0.36 | 60.4 | 41 | 6.582 | 1992–1995 |
| 8 | 6 | MOL BIOL EVOL | | 1.60 | 0.35 | 72.9 | 35 | 6.726 | 1983–1998 |
| 9 | 23 | BIOCHEMISTRY-US | | 1.60 | 0.33 | 52.1 | 35 | 3.633 | 1989–1991 |
| 10 | 7 | FASEB J | | 1.59 | 0.47 | 62.0 | 36 | 6.721 | 1986–1998 |
| 11 | 22 | PROTEINS | | 1.53 | 0.38 | 69.4 | 34 | 3.730 | 1986–1994 |
| 12 | 2 | TRENDS BIOCHEM SCI | | 1.51 | 0.56 | 72.3 | 36 | 13.863 | 1988–2000 |
| 13 | 11 | MOL MICROBIOL | | 1.57 | 0.32 | 43.8 | 33 | 5.634 | 1988–1999 |
| 14 | 20 | MOL PLANT MICROBE IN | | 1.52 | 0.31 | 41.0 | 34 | 3.936 | 1988–1993 |
| 15 | 16 | J LIPID RES | | 1.52 | 0.35 | 44.4 | 29 | 4.357 | 1983–1992 |
| 16 | 28 | PROTEIN SCI | | 1.48 | 0.38 | 46.4 | 29 | 3.462 | 1991–1993 |
| 17 | 15 | AM J RESP CELL MOL | | 1.48 | 0.33 | 38.3 | 26 | 4.593 | 1988–1998 |
| 18 | 24 | EUR J BIOCHEM | | 1.48 | 0.36 | 42.9 | 26 | 3.579 | 1972–1985 |
| 19 | 54 | J MEMBRANE BIOL | | 1.47 | 0.38 | 41.2 | 27 | 2.112 | 1973–1988 |
| 20 | 17 | J NEUROCHEM | | 1.47 | 0.36 | 41.2 | 26 | 4.260 | 1957–1997 |
| 21 | 9 | NUCLEIC ACIDS RES | | 1.46 | 0.36 | 48.6 | 26 | 6.317 | 1992–1994 |

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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|------------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 22 | 25 | PLANT MOL BIOL | 1.47 | 0.33 | 34.9 | 26 | 3.577 | 1989–1994 |
| 23 | 12 | FREE RADICAL BIO MED | 1.46 | 0.36 | 37.4 | 24 | 5.440 | 1986–1997 |
| 24 | 43 | PEPTIDES | 1.45 | 0.38 | 35.4 | 26 | 2.701 | 1979–1983 |
| 25 | 67 | J BIOMOL NMR | 1.46 | 0.37 | 73.5 | 25 | 1.791 | 1991–1995 |
| 26 | 62 | DNA CELL BIOL | 1.44 | 0.36 | 45.5 | 25 | 1.905 | 1989–1991 |
| 27 | 45 | MOL BIOCHEM PARASIT | 1.44 | 0.28 | 31.1 | 24 | 2.641 | 1991–1994 |
| 28 | 18 | BIOCHEM J | 1.43 | 0.35 | 36.7 | 23 | 4.100 | 1982–1990 |
| 29 | 19 | CHROMOSOMA | 1.38 | 0.37 | 34.4 | 21 | 4.065 | 1955–1996 |
| 30 | 40 | J MOL EVOL | 1.37 | 0.38 | 40.4 | 20 | 2.767 | 1971–1999 |
| 31 | 41 | MOL CARCINOGEN | 1.35 | 0.36 | 29.1 | 20 | 2.743 | 1988–1994 |
| 32 | 30 | FEBS LETT | 1.35 | 0.38 | 31.4 | 19 | 3.372 | 1983–1995 |
| 33 | 48 | MOL REPROD DEV | 1.34 | 0.37 | 26.9 | 18 | 2.379 | 1989–1995 |
| 34 | 37 | BIOCHEM BIOPH RES CO | 1.32 | 0.40 | 32.6 | 18 | 2.855 | 1977–1992 |
| 35 | 55 | PHOTOCHEM PHOTOBIOOL | 1.32 | 0.38 | 28.3 | 18 | 2.061 | 1961–1991 |
| 36 | 33 | ARCH BIOCHEM BIOPHYS | 1.30 | 0.36 | 27.0 | 17 | 2.969 | 1981–1995 |
| 37 | 50 | CYTOKINE | 1.25 | 0.36 | 26.1 | 16 | 2.355 | 1990–1994 |
| 38 | 35 | ANAL BIOCHEM | 1.28 | 0.47 | 67.8 | 15 | 2.948 | 1959–1989 |
| 39 | 78 | J BIOMOL STRUCT DYN | 1.25 | 0.38 | 26.6 | 15 | 1.299 | 1982–1989 |
| 40 | 21 | BIOCONJUGATE CHEM | 1.25 | 0.34 | 23.2 | 15 | 3.823 | 1990–2000 |
| 41 | 69 | CARBOHYD RES | 1.23 | 0.36 | 23.6 | 14 | 1.703 | 1967–1989 |
| 42 | 59 | YEAST | 1.20 | 0.34 | 25.4 | 14 | 1.955 | 1992–1994 |
| 43 | 88 | FISH PHYSIOL BIOCHEM | 1.20 | 0.36 | 19.1 | 14 | 0.558 | 1986–1995 |
| 44 | 60 | LIPIDS | 1.20 | 0.35 | 19.3 | 13 | 1.935 | 1990–1995 |
| 45 | 26 | J STRUCT BIOL | 1.19 | 0.36 | 23.0 | 13 | 3.496 | 1989–2001 |
| 46 | 46 | BIOPOLYMERS | 1.19 | 0.36 | 18.8 | 13 | 2.480 | 1993–1999 |
| 47 | 47 | BIOTECHNIQUES | 1.15 | 0.46 | 45.6 | 12 | 2.462 | 1985–1994 |
| 48 | 42 | INSECT BIOCHEM MOLEC | 1.18 | 0.35 | 17.2 | 13 | 2.711 | 1991–1999 |
| 49 | 39 | J STEROID BIOCHEM | 1.17 | 0.36 | 19.5 | 12 | 2.825 | 1972–2001 |
| 50 | 74 | ARCH INSECT BIOCHEM | 1.18 | 0.35 | 16.9 | 13 | 1.474 | 1982–1994 |
| 51 | 81 | PESTIC BIOCHEM PHYS | 1.16 | 0.38 | 18.2 | 12 | 1.189 | 1975–1993 |
| 52 | 66 | CHEM-BIOL INTERACT | 1.15 | 0.35 | 17.8 | 12 | 1.800 | 1985–1995 |
| 53 | 14 | MOL IMMUNOL | 1.14 | 0.37 | 17.9 | 11 | 4.768 | 1978–1999 |
| 54 | 56 | MOL CELL PROBE | 1.11 | 0.35 | 17.5 | 10 | 2.016 | 1989–1994 |
| 55 | 64 | J CHEM ECOL | 1.11 | 0.31 | 14.4 | 10 | 1.896 | 1995–1998 |
| 56 | 79 | CAN J MICROBIOL | 1.10 | 0.39 | 17.3 | 11 | 1.275 | 1954–1995 |
| 57 | 29 | J CELL BIOCHEM | 1.11 | 0.55 | 19.0 | 11 | 3.409 | 1994–1999 |
| 58 | 61 | J PHOTOCHEM PHOTOBIO B | 1.10 | 0.37 | 15.2 | 10 | 1.909 | 1987–1998 |
| 59 | 44 | J INORG BIOCHEM | 1.08 | 0.35 | 13.8 | 10 | 2.654 | 1984–2000 |
| 60 | 77 | INT J BIOL MACROMOL | 1.07 | 0.38 | 15.5 | 9 | 1.323 | 1978–2000 |
| 61 | 31 | BIOCHIMIE | 1.06 | 0.39 | 16.3 | 9 | 3.237 | 1971–2002 |
| 62 | 65 | PROTEIN EXPRES PURIF | 1.07 | 0.35 | 12.8 | 9 | 1.867 | 1991–1998 |
| 63 | 68 | BIOPHYS CHEM | 1.04 | 0.37 | 14.1 | 9 | 1.784 | 1982–1999 |
| 64 | 53 | NEUROCHEM RES | 1.03 | 0.37 | 14.0 | 9 | 2.139 | 1978–1997 |

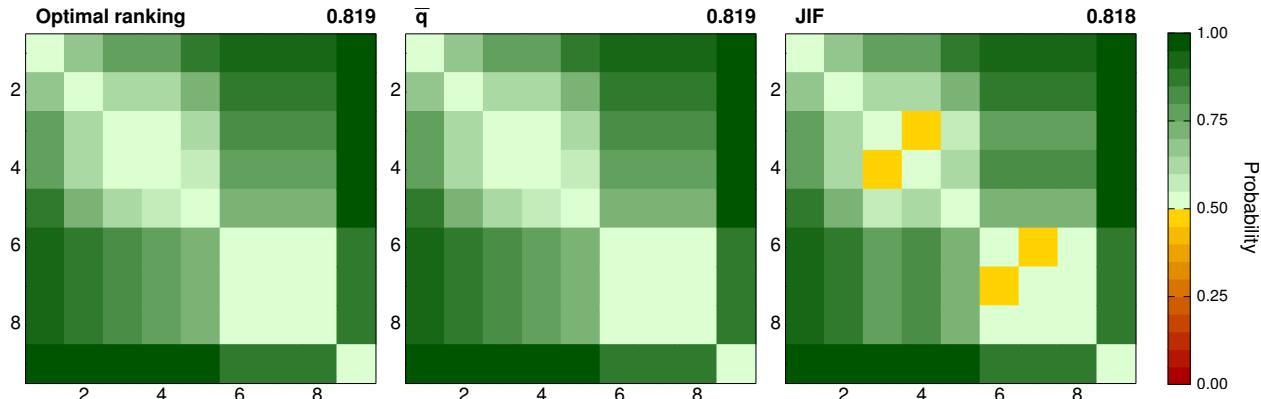
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 65 | 38 | STEROIDS | 1.02 | 0.35 | 13.5 | 8 | 2.849 | 1986–2001 |
| 66 | 32 | NEUROCHEM INT | 1.02 | 0.36 | 12.9 | 8 | 3.159 | 1981–2002 |
| 67 | 80 | BIOSCI BIOTECH BIOCH | 1.00 | 0.35 | 12.1 | 8 | 1.256 | 1991–1994 |
| 68 | 27 | BIOCHEM CELL BIOL | 1.00 | 0.36 | 13.1 | 8 | 3.483 | 1985–2000 |
| 69 | 49 | CHEM PHYS LIPIDS | 1.00 | 0.36 | 12.1 | 8 | 2.371 | 1994–2002 |
| 70 | 70 | PLANT SCI | 1.00 | 0.32 | 11.0 | 8 | 1.631 | 1993–2001 |
| 71 | 63 | BIOTECHNOL APPL BIOC | 0.98 | 0.37 | 11.4 | 7 | 1.903 | 1986–1999 |
| 72 | 87 | Z NATURFORSCH C | 0.96 | 0.35 | 11.6 | 7 | 0.720 | 1987–1991 |
| 73 | 51 | MAMM GENOME | 0.96 | 0.39 | 12.5 | 7 | 2.279 | 1997–2002 |
| 74 | 57 | PROCESS BIOCHEM | 0.96 | 0.37 | 10.3 | 7 | 2.008 | 1990–2000 |
| 75 | 83 | BIOL TRACE ELEM RES | 0.91 | 0.37 | 10.1 | 6 | 1.007 | 1979–1998 |
| 76 | 58 | COMP BIOCHEM PHYS C | 0.89 | 0.37 | 9.5 | 6 | 1.991 | 1985–2002 |
| 77 | 86 | BIOCHEM GENET | 0.90 | 0.40 | 9.4 | 6 | 0.876 | 1986–1997 |
| 78 | 85 | BIOCHEM SYST ECOL | 0.89 | 0.36 | 9.2 | 6 | 0.906 | 1980–1994 |
| 79 | 71 | BIOMED CHROMATOGR | 0.90 | 0.39 | 8.3 | 6 | 1.611 | 1988–1999 |
| 80 | 36 | J NUTR BIOCHEM | 0.87 | 0.37 | 9.1 | 6 | 2.945 | 1989–2002 |
| 81 | 72 | COMP BIOCHEM PHYS A | 0.87 | 0.36 | 8.6 | 6 | 1.553 | 1986–2002 |
| 82 | 73 | COMP BIOCHEM PHYS B | 0.87 | 0.35 | 8.6 | 6 | 1.532 | 1987–2001 |
| 83 | 84 | CELL MOL BIOL | 0.87 | 0.36 | 8.5 | 5 | 0.959 | 1990–1995 |
| 84 | 82 | APPL BIOCHEM BIOTECH | 0.87 | 0.40 | 9.3 | 6 | 1.102 | 1981–1996 |
| 85 | 75 | J BIOCHEM BIOPH METH | 0.83 | 0.39 | 9.5 | 5 | 1.403 | 1986–2001 |
| 86 | 52 | PROSTAG LEUKOTR ESS | 0.80 | 0.34 | 7.1 | 5 | 2.261 | 2000–2003 |
| 87 | 34 | BIOCHEM SOC T | 0.69 | 0.49 | 7.7 | 3 | 2.962 | 1974–2006 |
| 88 | 90 | INDIAN J BIOCHEM BIO | 0.49 | 0.39 | 3.6 | 2 | 0.277 | 1974–1999 |
| 89 | 76 | BIOCHEMISTRY-MOSCOW+ | 0.47 | 0.34 | 2.9 | 2 | 1.368 | 1998–2002 |
| 90 | 89 | MOL BIOL+ | -0.25 | 0.51 | 0.6 | 0 | 0.330 | 1981–2000 |
| 91 | 91 | J EVOL BIOCHEM PHYS+ | -0.76 | 0.61 | 0.2 | 0 | 0.206 | 1983–2003 |

BIODIVERSITY CONSERVATION

ISI Category Description Biodiversity Conservation covers resources on the conservation management of species and ecosystems. Topics include conservation ecology, biological conservation, paleobiology, natural history and the natural sciences.

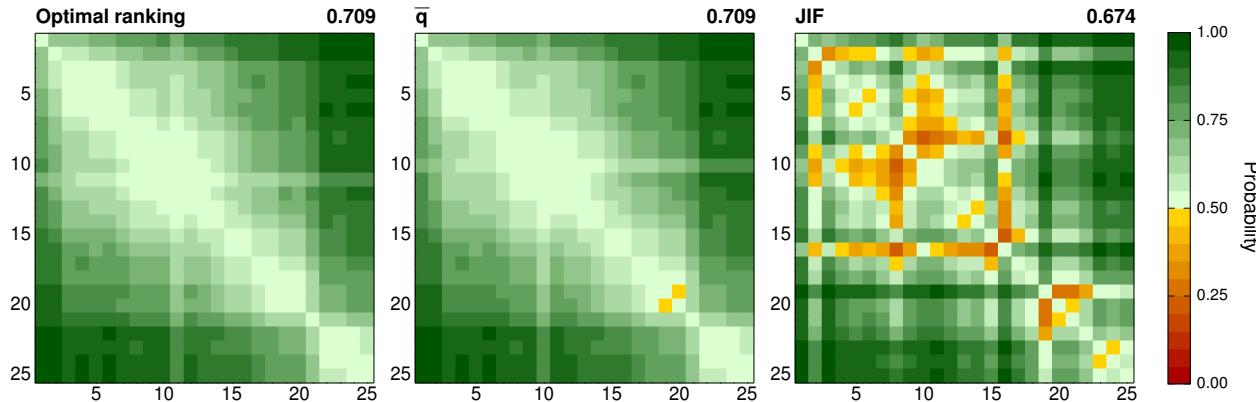


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | |
| 1 | 1 | AM NAT | | 1.72 | 0.40 | 80.4 | 48 | 4.660 | 1967–1992 |
| 2 | 2 | CONSERV BIOL | | 1.42 | 0.42 | 37.5 | 23 | 3.762 | 1988–1998 |
| 3 | 4 | POLAR BIOL | | 1.27 | 0.33 | 20.8 | 16 | 1.502 | 1981–1994 |
| 4 | 3 | BIOL CONSERV | | 1.21 | 0.38 | 22.1 | 14 | 2.854 | 1988–1996 |
| 5 | 5 | AM MIDL NAT | | 1.07 | 0.36 | 14.5 | 9 | 0.667 | 1964–1995 |
| 6 | 7 | SOUTHWEST NAT | | 0.72 | 0.38 | 5.9 | 4 | 0.309 | 1980–1994 |
| 7 | 6 | J NAT HIST | | 0.72 | 0.38 | 6.4 | 4 | 0.631 | 1966–2000 |
| 8 | 8 | CAN FIELD NAT | | 0.69 | 0.40 | 5.8 | 3 | 0.073 | 1983–1993 |
| 9 | 9 | NAT HIST | | -0.32 | 0.44 | 0.3 | 0 | 0.059 | 1989–2005 |

BIOLOGY

ISI Category Description The Biology category includes resources having a broad or interdisciplinary approach to biology. In addition, it includes materials that cover a specific area of biology not covered in other categories such as theoretical biology, mathematical biology, thermal biology, cryobiology, and biological rhythm research.

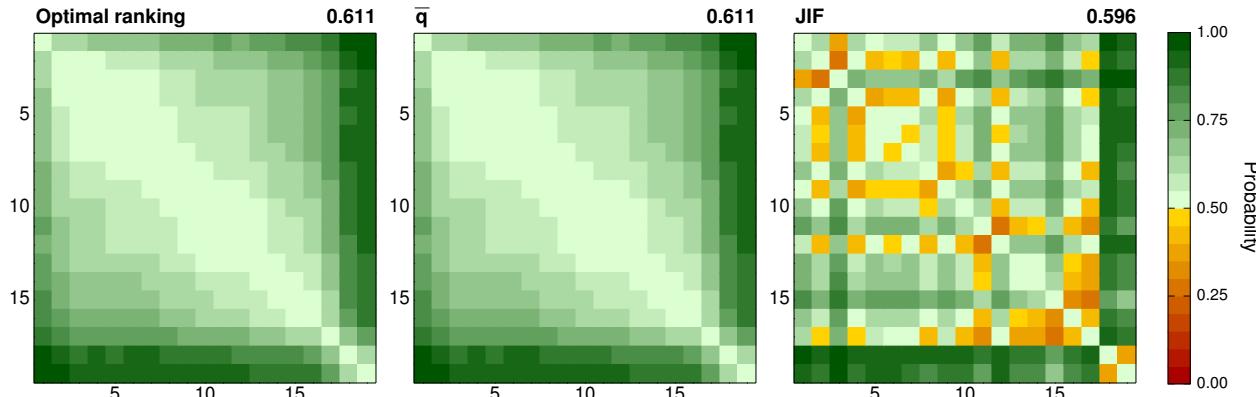


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | FASEB J | 1.59 | 0.47 | 62.0 | 36 | 6.721 | 1986–1998 |
| 2 | 3 | J EXP BIOL | 1.35 | 0.33 | 25.4 | 19 | 2.631 | 1985–1994 |
| 3 | 10 | BIOMETRICS | 1.25 | 0.46 | 48.1 | 14 | 1.489 | 1954–1994 |
| 4 | 16 | BIOMETRIKA | 1.22 | 0.42 | 36.8 | 13 | 1.014 | 1955–1996 |
| 5 | 4 | RADIAT RES | 1.17 | 0.40 | 21.8 | 12 | 2.602 | 1954–1998 |
| 6 | 11 | INT J RADIAT BIOL | 1.16 | 0.38 | 20.4 | 12 | 1.312 | 1972–1999 |
| 7 | 6 | CRYOBIOLOGY | 1.11 | 0.39 | 17.1 | 10 | 2.162 | 1963–1997 |
| 8 | 9 | J MATH BIOL | 1.04 | 0.41 | 16.5 | 9 | 1.664 | 1975–1998 |
| 9 | 5 | J THEOR BIOL | 1.03 | 0.41 | 16.3 | 9 | 2.264 | 1980–1998 |
| 10 | 12 | HUM BIOL | 1.00 | 0.38 | 13.2 | 8 | 1.132 | 1977–1999 |
| 11 | 2 | BIOSCIENCE | 1.03 | 0.64 | 27.9 | 8 | 5.424 | 1971–2002 |
| 12 | 7 | MICROSC RES TECHNIQ | 1.00 | 0.41 | 12.1 | 8 | 1.680 | 1991–2001 |
| 13 | 14 | BIOSYSTEMS | 0.94 | 0.44 | 12.3 | 7 | 1.080 | 1973–1996 |
| 14 | 13 | MATH BIOSCI | 0.89 | 0.44 | 12.4 | 6 | 1.126 | 1975–2001 |
| 15 | 17 | J THERM BIOL | 0.80 | 0.39 | 7.6 | 5 | 0.950 | 1976–2000 |
| 16 | 8 | AM J HUM BIOL | 0.76 | 0.37 | 6.4 | 4 | 1.669 | 1989–2003 |
| 17 | 15 | BRAZ J MED BIOL RES | 0.66 | 0.38 | 5.4 | 3 | 1.075 | 1981–2000 |
| 18 | 18 | P JPN ACAD B-PHYS | 0.62 | 0.43 | 6.9 | 3 | 0.808 | 1976–2002 |
| 19 | 21 | P BIOL SOC WASH | 0.55 | 0.36 | 3.8 | 2 | 0.347 | 1983–1998 |
| 20 | 20 | FOLIA BIOL-PRAGUE | 0.55 | 0.40 | 4.1 | 2 | 0.387 | 1973–2000 |
| 21 | 22 | REV BIOL TROP | 0.35 | 0.43 | 2.8 | 1 | 0.217 | 1975–1998 |
| 22 | 19 | ZH OSHCH BIOL | 0.10 | 0.40 | 1.0 | 0 | 0.391 | 1998–2006 |
| 23 | 24 | PERIOD BIOL | 0.08 | 0.44 | 1.3 | 0 | 0.205 | 1974–2001 |
| 24 | 23 | BIOLOGIA | 0.01 | 0.40 | 0.9 | 0 | 0.213 | 2002–2006 |
| 25 | 25 | AM BIOL TEACH | -0.04 | 0.43 | 1.0 | 0 | 0.171 | 1969–2005 |

BIOPHYSICS

ISI Category Description Biophysics covers resources that focus on the transfer and effects of physical forces and energy-light, sound, electricity, magnetism, heat, cold, pressure, mechanical forces, and radiation-within and on cells, tissues, and whole organisms.

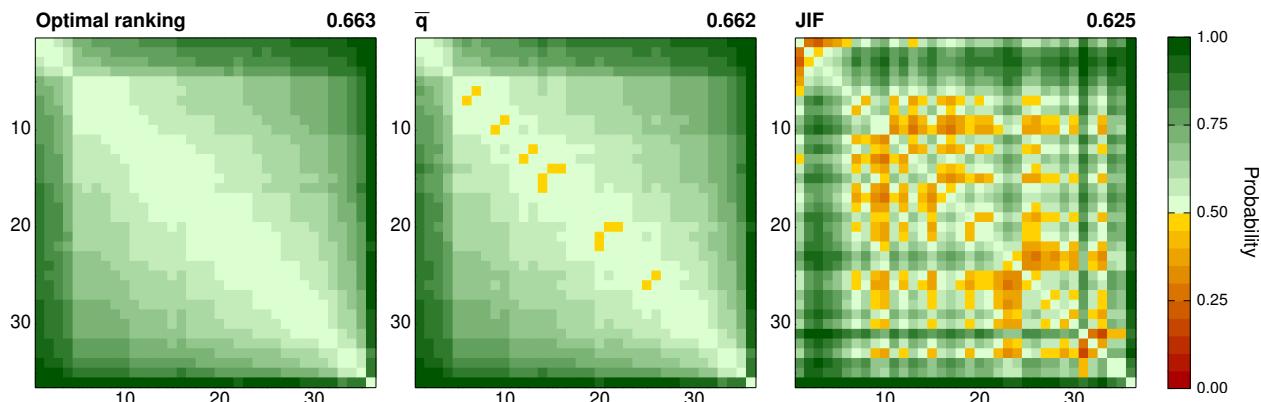


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-------|------------------------|---------------|----------|------|----|-------|---------------------|
| | Rank | AUC | | \bar{q} | σ | | | | |
| 1 | 3 | 0.611 | PROTEINS | 1.53 | 0.38 | 69.4 | 34 | 3.730 | 1986–1994 |
| 2 | 1 | 0.611 | BIOPHYS J | 1.42 | 0.40 | 38.1 | 23 | 4.757 | 1962–1997 |
| 3 | 9 | 0.611 | J BIOMECH | 1.38 | 0.43 | 32.6 | 20 | 2.542 | 1968–1995 |
| 4 | 5 | 0.611 | FEBS LETT | 1.35 | 0.38 | 31.4 | 19 | 3.372 | 1983–1995 |
| 5 | 7 | 0.611 | BIOCHEM BIOPH RES CO | 1.32 | 0.40 | 32.6 | 18 | 2.855 | 1977–1992 |
| 6 | 12 | 0.611 | PHOTOCHEM PHOTOBIOOL | 1.32 | 0.38 | 28.3 | 18 | 2.061 | 1961–1991 |
| 7 | 6 | 0.611 | ARCH BIOCHEM BIOPHYS | 1.30 | 0.36 | 27.0 | 17 | 2.969 | 1981–1995 |
| 8 | 17 | 0.611 | J BIOMOL STRUCT DYN | 1.25 | 0.38 | 26.6 | 15 | 1.299 | 1982–1989 |
| 9 | 2 | 0.611 | BIOSENS BIOELECTRON | 1.25 | 0.41 | 21.1 | 15 | 4.132 | 1990–2000 |
| 10 | 4 | 0.611 | J STRUCT BIOL | 1.19 | 0.36 | 23.0 | 13 | 3.496 | 1989–2001 |
| 11 | 10 | 0.611 | BIOPOLYMERS | 1.19 | 0.36 | 18.8 | 13 | 2.480 | 1993–1999 |
| 12 | 8 | 0.611 | RADIAT RES | 1.17 | 0.40 | 21.8 | 12 | 2.602 | 1954–1998 |
| 13 | 16 | 0.611 | J BIOMECH ENG-T ASME | 1.14 | 0.40 | 20.2 | 11 | 1.309 | 1978–1999 |
| 14 | 13 | 0.611 | J PHOTOCHEM PHOTOBIO B | 1.10 | 0.37 | 15.2 | 10 | 1.909 | 1987–1998 |
| 15 | 14 | 0.611 | BIOPHYS CHEM | 1.04 | 0.37 | 14.1 | 9 | 1.784 | 1982–1999 |
| 16 | 11 | 0.611 | CHEM PHYS LIPIDS | 1.00 | 0.36 | 12.1 | 8 | 2.371 | 1994–2002 |
| 17 | 15 | 0.611 | J BIOCHEM BIOPH METH | 0.83 | 0.39 | 9.5 | 5 | 1.403 | 1986–2001 |
| 18 | 19 | 0.611 | INDIAN J BIOCHEM BIO | 0.49 | 0.39 | 3.6 | 2 | 0.277 | 1974–1999 |
| 19 | 18 | 0.611 | BIOFIZIKA+ | 0.29 | 0.41 | 2.1 | 1 | 0.435 | 1987–1998 |

BIOTECHNOLOGY & APPLIED MICROBIOLOGY

ISI Category Description Biotechnology & Applied Microbiology includes resources that cover a broad range of topics on the manipulation of living organisms to make products or solve problems to meet human needs. Topics include genetic engineering; molecular diagnostic and therapeutic techniques; genome data mining; bioprocessing of food and drugs; biological control of pests; environmental bioremediation; and bio-energy production. This category also covers resources that deal with the related social, business, and regulatory issues.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | GENOMICS | 1.61 | 0.31 | 54.6 | 35 | 3.558 | 1987–1991 |
| 2 | 2 | MOL PLANT MICROBE IN | 1.52 | 0.31 | 41.0 | 34 | 3.936 | 1988–1993 |
| 3 | 4 | APPL ENVIRON MICROB | 1.51 | 0.35 | 42.7 | 28 | 3.532 | 1990–1993 |
| 4 | 5 | J GEN VIROL | 1.42 | 0.37 | 34.8 | 22 | 3.110 | 1985–1991 |
| 5 | 6 | BIOTECHNOL BIOENG | 1.28 | 0.45 | 24.6 | 16 | 2.999 | 1965–1995 |
| 6 | 13 | SYST APPL MICROBIOL | 1.24 | 0.39 | 24.7 | 14 | 2.037 | 1985–1994 |
| 7 | 1 | BIOSENS BIOELECTRON | 1.25 | 0.41 | 21.1 | 15 | 4.132 | 1990–2000 |
| 8 | 17 | YEAST | 1.20 | 0.34 | 25.4 | 14 | 1.955 | 1992–1994 |
| 9 | 11 | BIOTECHNOL PROGR | 1.19 | 0.35 | 19.2 | 13 | 2.102 | 1984–1998 |
| 10 | 8 | APPL MICROBIOL BIOT | 1.19 | 0.36 | 18.7 | 13 | 2.441 | 1983–1993 |
| 11 | 16 | GENOME | 1.14 | 0.38 | 19.0 | 11 | 1.972 | 1992–1997 |
| 12 | 26 | J ANTIBIOT | 1.13 | 0.37 | 18.6 | 11 | 1.262 | 1963–1992 |
| 13 | 18 | J FOOD PROTECT | 1.13 | 0.36 | 16.0 | 11 | 1.921 | 1992–1999 |
| 14 | 14 | MOL CELL PROBE | 1.11 | 0.35 | 17.5 | 10 | 2.016 | 1989–1994 |
| 15 | 25 | CAN J MICROBIOL | 1.10 | 0.39 | 17.3 | 11 | 1.275 | 1954–1995 |
| 16 | 20 | ENZYME MICROB TECH | 1.11 | 0.31 | 13.5 | 11 | 1.897 | 1994–2000 |
| 17 | 7 | J BIOTECHNOL | 1.07 | 0.34 | 14.0 | 10 | 2.600 | 1984–2001 |
| 18 | 21 | PROTEIN EXPRES PURIF | 1.07 | 0.35 | 12.8 | 9 | 1.867 | 1991–1998 |
| 19 | 33 | PLANT CELL TISS ORG | 1.06 | 0.35 | 13.1 | 9 | 0.951 | 1985–1994 |
| 20 | 12 | J VIROL METHODS | 1.03 | 0.37 | 14.1 | 9 | 2.097 | 1979–2000 |
| 21 | 28 | BIOTECHNOL LETT | 1.02 | 0.36 | 12.7 | 8 | 1.134 | 1983–1992 |
| 22 | 30 | AM J ENOL VITICULT | 1.03 | 0.42 | 13.9 | 8 | 1.009 | 1967–2000 |

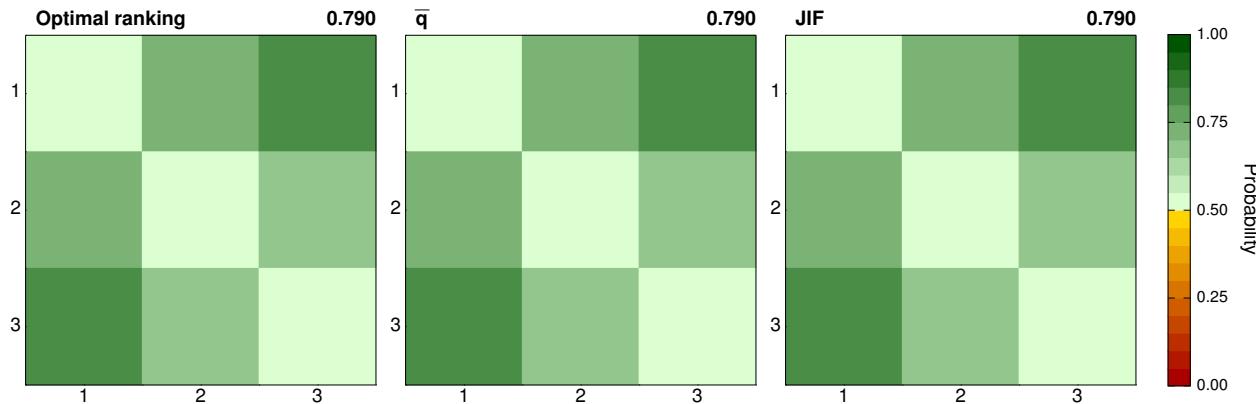
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| Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|------|-----|----------------------|---------------|----------|-----------|---|-------|-----------|---------------------|
| AUC | JIF | | \bar{q} | σ | | | | | |
| 23 | 27 | BIOSCI BIOTECH BIOCH | 1.00 | 0.35 | 12.1 | 8 | 1.256 | 1991–1994 | |
| 24 | 19 | BIOTECHNOL APPL BIOC | 0.98 | 0.37 | 11.4 | 7 | 1.903 | 1986–1999 | |
| 25 | 9 | MAMM GENOME | 0.96 | 0.39 | 12.5 | 7 | 2.279 | 1997–2002 | |
| 26 | 15 | PROCESS BIOCHEM | 0.96 | 0.37 | 10.3 | 7 | 2.008 | 1990–2000 | |
| 27 | 22 | LETT APPL MICROBIOL | 0.93 | 0.38 | 11.5 | 7 | 1.593 | 1984–2000 | |
| 28 | 10 | BIORESOURCE TECHNOL | 0.90 | 0.37 | 9.9 | 6 | 2.180 | 1991–2001 | |
| 29 | 32 | PLANT BREEDING | 0.89 | 0.39 | 9.2 | 6 | 0.954 | 1985–1996 | |
| 30 | 29 | APPL BIOCHEM BIOTECH | 0.87 | 0.40 | 9.3 | 6 | 1.102 | 1981–1996 | |
| 31 | 24 | J CHEM TECHNOL BIOT | 0.84 | 0.41 | 9.4 | 5 | 1.276 | 1978–1999 | |
| 32 | 23 | BIOMASS BIOENERG | 0.80 | 0.39 | 7.0 | 5 | 1.483 | 1990–2002 | |
| 33 | 35 | HYBRIDOMA | 0.69 | 0.56 | 7.0 | 3 | 0.411 | 1986–2000 | |
| 34 | 34 | WORLD J MICROB BIOT | 0.65 | 0.41 | 5.5 | 3 | 0.471 | 1989–1998 | |
| 35 | 31 | FOLIA MICROBIOL | 0.53 | 0.37 | 3.4 | 2 | 0.963 | 1985–2002 | |
| 36 | 36 | BIOFUTUR | -0.40 | 0.42 | 0.2 | 0 | 0.059 | 1991–2004 | |

BUSINESS, FINANCE

ISI Category Description Business, Finance covers resources primarily concerned with financial and economic correlations, accounting, financial management, investment strategies, the international monetary system, insurance, taxation, and banking.

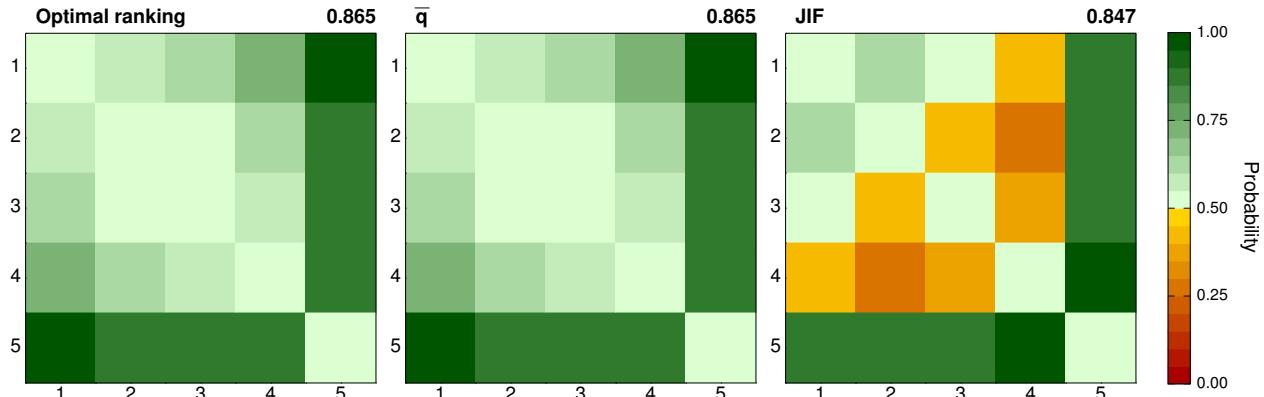


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | | | $P_{ss}(q J)$ | | | n | Steady-state period | |
|------|-----|----------------------|---------------|----------|-----------|-----|---------------------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 1 | 1 | J FINANC | 1.44 | 0.40 | 41.4 | 24 | 3.257 | 1984–2000 |
| 2 | 2 | ACCOUNT REV | 1.04 | 0.37 | 13.5 | 8 | 2.185 | 1987–2000 |
| 3 | 3 | J BANK FINANC | 0.75 | 0.42 | 7.7 | 4 | 0.769 | 1979–2000 |

BUSINESS

ISI Category Description This category covers resources concerned with all aspects of business and the business world. These may include marketing and advertising, forecasting, planning, administration, organizational studies, compensation, strategy, retailing, consumer research, and management. Also covered are resources relating to business history and business ethics.

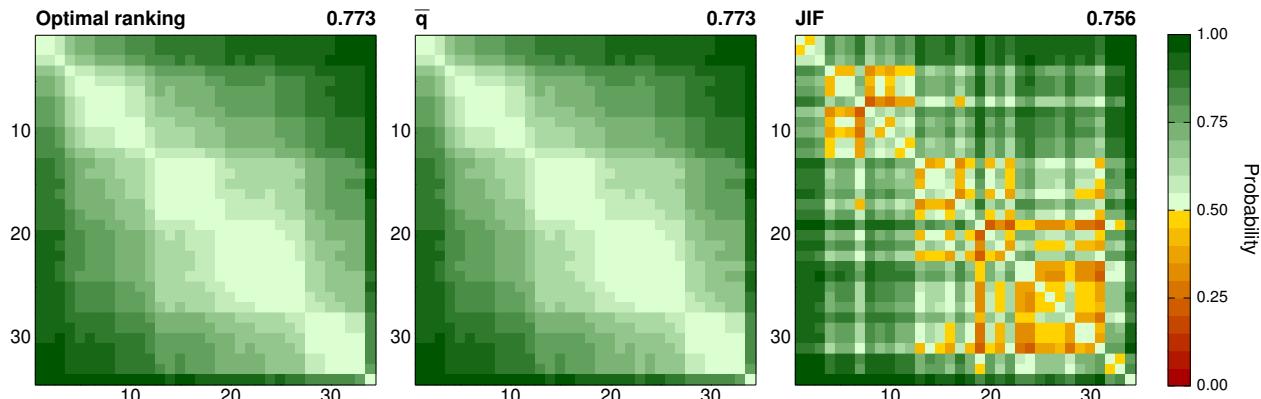


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|------------------|----------------------|---------------|------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | σ | | | | | |
| 1 | 4 | J BUS ETHICS | 0.84 | 0.34 | 9.1 | 5 | 0.597 | 1986–1996 | |
| 2 | 1 | HARVARD BUS REV | 0.79 | 0.60 | 18.3 | 4 | 1.505 | 1987–1997 | |
| 3 | 3 | J BUS RES | 0.68 | 0.46 | 6.3 | 3 | 0.815 | 1972–2001 | |
| 4 | 2 | LONG RANGE PLANN | 0.52 | 0.40 | 4.0 | 2 | 0.982 | 1989–2001 | |
| 5 | 5 | FORTUNE | -0.53 | 0.46 | 0.2 | 0 | 0.201 | 1965–2003 | |

CARDIAC & CARDIOVASCULAR SYSTEMS

ISI Category Description Cardiac & Cardiovascular Systems covers resources dealing with the diagnosis and treatment of heart disease. Coverage focuses on cardiac disease prevention, pharmacology, surgery, transplantation, and research. This category also includes cardiac testing, pacemakers, and medical devices. Resources focusing on circulation, hypertension, arterial disease, and stroke are placed in the PERIPHERAL VASCULAR DISEASE category.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 2 | CIRC RES | | 1.72 | 0.46 | 75.8 | 47 | 9.854 | 1962–1994 |
| 2 | 1 | CIRCULATION | | 1.71 | 0.46 | 75.4 | 45 | 10.940 | 1969–1997 |
| 3 | 3 | J AM COLL CARDIOL | | 1.58 | 0.40 | 52.5 | 34 | 9.701 | 1986–1997 |
| 4 | 8 | J THORAC CARDIOV SUR | | 1.42 | 0.39 | 34.0 | 23 | 3.560 | 1976–1995 |
| 5 | 10 | AM J CARDIOL | | 1.33 | 0.41 | 30.0 | 18 | 3.015 | 1987–1995 |
| 6 | 5 | CARDIOVASC RES | | 1.28 | 0.37 | 26.9 | 16 | 5.826 | 1992–1995 |
| 7 | 6 | J MOL CELL CARDIOL | | 1.26 | 0.36 | 21.9 | 15 | 4.859 | 1991–2001 |
| 8 | 9 | AM HEART J | | 1.24 | 0.36 | 22.9 | 15 | 3.514 | 1989–1995 |
| 9 | 12 | ANN THORAC SURG | | 1.21 | 0.42 | 22.1 | 14 | 2.342 | 1973–1995 |
| 10 | 11 | J HEART LUNG TRANSPL | | 1.15 | 0.37 | 18.6 | 12 | 2.830 | 1990–1998 |
| 11 | 4 | EUR HEART J | | 1.14 | 0.36 | 18.2 | 11 | 7.286 | 1995–1998 |
| 12 | 17 | J CARDIOVASC PHARM | | 1.05 | 0.34 | 14.0 | 9 | 1.625 | 1993–1997 |
| 13 | 7 | BASIC RES CARDIOL | | 0.96 | 0.40 | 12.1 | 7 | 3.798 | 1973–2001 |
| 14 | 22 | PACE | | 0.96 | 0.41 | 12.3 | 7 | 1.095 | 1978–1995 |
| 15 | 14 | EUR J CARDIO-THORAC | | 0.96 | 0.38 | 11.0 | 7 | 2.106 | 1989–2000 |
| 16 | 31 | J CARDIAC SURG | | 0.95 | 0.39 | 11.6 | 7 | 0.709 | 1990–1996 |
| 17 | 15 | RESP MED | | 0.92 | 0.39 | 9.7 | 6 | 2.086 | 1995–2001 |
| 18 | 20 | CARDIOVASC INTER RAD | | 0.89 | 0.39 | 10.0 | 6 | 1.149 | 1979–2000 |
| 19 | 18 | CARDIOVASC DRUG THER | | 0.84 | 0.40 | 9.4 | 5 | 1.396 | 1988–1998 |
| 20 | 13 | INT J CARDIOL | | 0.80 | 0.37 | 7.3 | 5 | 2.234 | 1991–2002 |
| 21 | 29 | PEDIATR CARDIOL | | 0.79 | 0.40 | 7.5 | 5 | 0.826 | 1978–2000 |
| 22 | 30 | THORAC CARDIOV SURG | | 0.79 | 0.39 | 7.1 | 4 | 0.814 | 1978–2000 |
| 23 | 16 | CARDIOLOGY | | 0.77 | 0.40 | 7.5 | 4 | 1.795 | 1972–2001 |

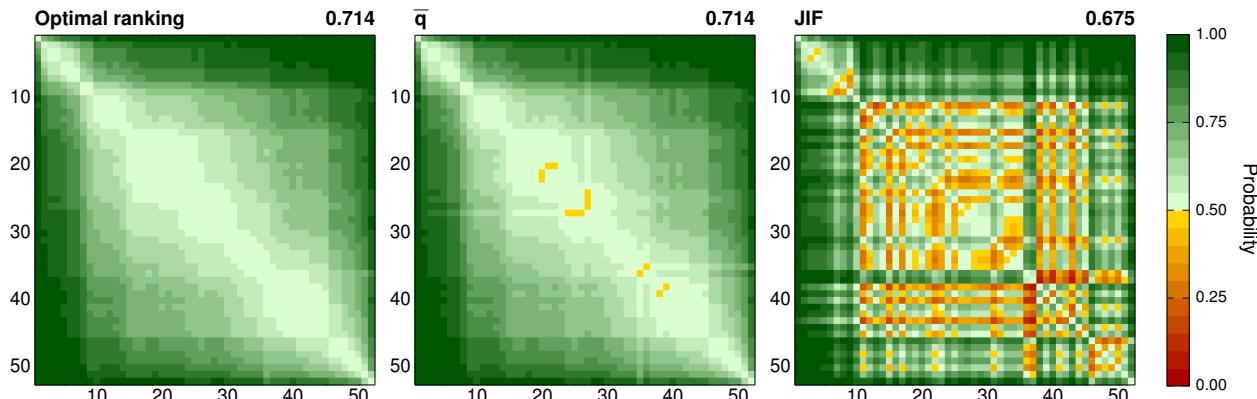
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|-----|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 24 | 27 | HEART LUNG | 0.79 | 0.47 | 7.9 | 4 | 0.955 | 1986–2001 |
| 25 | 26 | CLIN CARDIOL | 0.73 | 0.41 | 6.8 | 4 | 0.989 | 1980–2001 |
| 26 | 25 | J CARDIOVASC SURG | 0.72 | 0.41 | 6.7 | 4 | 1.020 | 1960–1997 |
| 27 | 21 | CAN J CARDIOL | 0.69 | 0.43 | 6.8 | 3 | 1.134 | 1986–1999 |
| 28 | 28 | J ELECTROCARDIOL | 0.54 | 0.47 | 4.7 | 2 | 0.912 | 1986–2000 |
| 29 | 23 | JPN HEART J | 0.51 | 0.45 | 4.7 | 2 | 1.076 | 1972–1997 |
| 30 | 24 | ECHOCARDIOGR-J CARD | 0.45 | 0.41 | 3.8 | 2 | 1.050 | 1989–2003 |
| 31 | 33 | ARCH MAL COEUR VAISS | 0.43 | 0.39 | 3.0 | 2 | 0.519 | 1979–1997 |
| 32 | 19 | Z KARDIOL | 0.40 | 0.38 | 2.8 | 2 | 1.157 | 1997–2004 |
| 33 | 32 | TEX HEART I J | 0.37 | 0.42 | 2.8 | 1 | 0.554 | 1992–2005 |
| 34 | 34 | KARDIOLOGIYA | -0.39 | 0.39 | 0.2 | 0 | 0.145 | 1984–2005 |

CELL BIOLOGY

ISI Category Description Cell Biology includes resources on all aspects of the structure and function of eukaryotic cells. The principle characteristic of resources in this category is an emphasis on the integration at the cellular level of biochemical, molecular, genetic, physiological, and pathological information. This category considers material on specific tissues, differentiated as well as embryonic.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|-------|-----|--------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | CELL | 2.35 | 0.30 | 306.3 | 216 | 29.194 | 1994–1997 |
| 2 | 2 | GENE DEV | 2.04 | 0.30 | 143.5 | 106 | 15.050 | 1988–1996 |
| 3 | 4 | EMBO J | 1.97 | 0.33 | 119.7 | 85 | 10.086 | 1986–1993 |
| 4 | 3 | J CELL BIOL | 1.95 | 0.31 | 111.7 | 84 | 10.152 | 1990–1995 |
| 5 | 5 | PLANT CELL | 1.87 | 0.34 | 92.4 | 72 | 9.868 | 1988–1995 |
| 6 | 9 | MOL BIOL CELL | 1.80 | 0.33 | 90.6 | 66 | 6.562 | 1991–1992 |
| 7 | 6 | MOL CELL BIOL | 1.80 | 0.33 | 82.7 | 57 | 6.773 | 1986–1995 |
| 8 | 8 | ONCOGENE | 1.66 | 0.36 | 60.4 | 41 | 6.582 | 1992–1995 |
| 9 | 7 | FASEB J | 1.59 | 0.47 | 62.0 | 36 | 6.721 | 1986–1998 |
| 10 | 10 | J CELL SCI | 1.53 | 0.46 | 41.3 | 30 | 6.427 | 1991–1997 |
| 11 | 43 | J NEUROCYTOL | 1.49 | 0.37 | 43.7 | 27 | 1.695 | 1971–1990 |
| 12 | 13 | AM J RESP CELL MOL | 1.48 | 0.33 | 38.3 | 26 | 4.593 | 1988–1998 |
| 13 | 38 | J MEMBRANE BIOL | 1.47 | 0.38 | 41.2 | 27 | 2.112 | 1973–1988 |
| 14 | 40 | DNA CELL BIOL | 1.44 | 0.36 | 45.5 | 25 | 1.905 | 1989–1991 |
| 15 | 20 | J CELL PHYSIOL | 1.39 | 0.41 | 35.4 | 21 | 3.638 | 1965–1993 |
| 16 | 18 | EXP CELL RES | 1.35 | 0.38 | 33.9 | 19 | 3.777 | 1955–1996 |
| 17 | 24 | FEBS LETT | 1.35 | 0.38 | 31.4 | 19 | 3.372 | 1983–1995 |
| 18 | 14 | J LEUKOCYTE BIOL | 1.34 | 0.34 | 27.8 | 18 | 4.572 | 1987–1999 |
| 19 | 27 | CELL MOTIL CYTOSKEL | 1.34 | 0.33 | 26.3 | 19 | 3.089 | 1979–1997 |
| 20 | 16 | CELL CALCIUM | 1.33 | 0.37 | 32.0 | 18 | 4.118 | 1979–1994 |
| 21 | 26 | HISTOPATHOLOGY | 1.33 | 0.34 | 28.8 | 18 | 3.216 | 1976–1994 |
| 22 | 34 | MOL REPROD DEV | 1.34 | 0.37 | 26.9 | 18 | 2.379 | 1989–1995 |
| 23 | 33 | J HISTOCHEM CYTOCHEM | 1.31 | 0.35 | 27.5 | 17 | 2.449 | 1987–1997 |

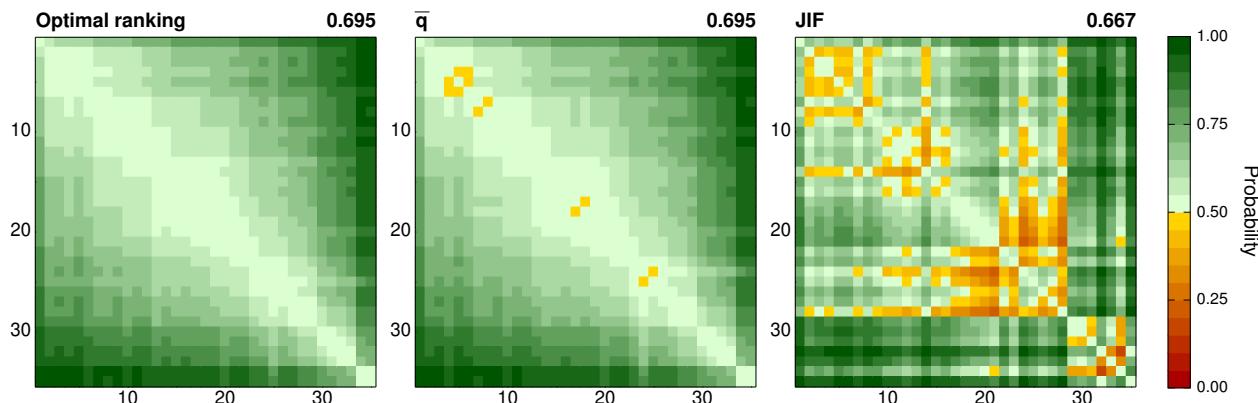
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 35 | CYTOKINE | 1.25 | 0.36 | 26.1 | 16 | 2.355 | 1990–1994 |
| 25 | 28 | EUR J CELL BIOL | 1.29 | 0.39 | 25.3 | 16 | 3.039 | 1979–1994 |
| 26 | 19 | DIFFERENTIATION | 1.26 | 0.39 | 26.0 | 15 | 3.745 | 1973–1999 |
| 27 | 12 | J MOL CELL CARDIOL | 1.26 | 0.36 | 21.9 | 15 | 4.859 | 1991–2001 |
| 28 | 29 | MOL CELL ENDOCRINOL | 1.25 | 0.33 | 21.4 | 15 | 2.918 | 1982–1997 |
| 29 | 30 | CELL TISSUE RES | 1.25 | 0.34 | 22.6 | 15 | 2.580 | 1986–1992 |
| 30 | 45 | PROTOPLASMA | 1.22 | 0.35 | 19.8 | 14 | 1.333 | 1971–1992 |
| 31 | 21 | J STRUCT BIOL | 1.19 | 0.36 | 23.0 | 13 | 3.496 | 1989–2001 |
| 32 | 25 | PLANT CELL PHYSIOL | 1.18 | 0.36 | 18.7 | 13 | 3.324 | 1958–1998 |
| 33 | 42 | CELL IMMUNOL | 1.15 | 0.38 | 18.9 | 12 | 1.709 | 1979–2000 |
| 34 | 32 | TISSUE ANTIGENS | 1.14 | 0.40 | 20.2 | 11 | 2.462 | 1971–1999 |
| 35 | 39 | MOL CELL PROBE | 1.11 | 0.35 | 17.5 | 10 | 2.016 | 1989–1994 |
| 36 | 23 | J CELL BIOCHEM | 1.11 | 0.55 | 19.0 | 11 | 3.409 | 1994–1999 |
| 37 | 50 | ACTA CYTOL | 1.06 | 0.38 | 14.6 | 9 | 0.793 | 1961–1995 |
| 38 | 17 | MECH AGEING DEV | 1.04 | 0.35 | 14.0 | 9 | 3.846 | 1989–2002 |
| 39 | 48 | ANAL QUANT CYTOL | 1.04 | 0.37 | 13.5 | 9 | 0.989 | 1978–1993 |
| 40 | 11 | CELL SIGNAL | 1.03 | 0.31 | 11.6 | 8 | 4.887 | 1989–2002 |
| 41 | 41 | MOL CELL BIOCHEM | 1.02 | 0.39 | 14.4 | 8 | 1.862 | 1973–1999 |
| 42 | 22 | BIOCHEM CELL BIOL | 1.00 | 0.36 | 13.1 | 8 | 3.483 | 1985–2000 |
| 43 | 15 | BIOL CELL | 0.98 | 0.37 | 11.7 | 8 | 4.303 | 1985–2000 |
| 44 | 44 | DEV GROWTH DIFFER | 0.98 | 0.39 | 12.0 | 7 | 1.545 | 1968–2000 |
| 45 | 31 | IMMUNOL CELL BIOL | 0.97 | 0.40 | 11.8 | 7 | 2.482 | 1986–2002 |
| 46 | 47 | TISSUE CELL | 0.87 | 0.33 | 8.6 | 6 | 1.094 | 1988–1999 |
| 47 | 49 | CELL MOL BIOL | 0.87 | 0.36 | 8.5 | 5 | 0.959 | 1990–1995 |
| 48 | 36 | PROSTAG LEUKOTR ESS | 0.80 | 0.34 | 7.1 | 5 | 2.261 | 2000–2003 |
| 49 | 51 | ACTA HISTOCHEM CYTOC | 0.74 | 0.41 | 7.6 | 4 | 0.429 | 1973–1990 |
| 50 | 37 | HISTOL HISTOPATHOL | 0.70 | 0.37 | 5.6 | 3 | 2.182 | 1985–2001 |
| 51 | 46 | ACTA HISTOCHEM | 0.53 | 0.50 | 4.6 | 2 | 1.167 | 1960–2003 |
| 52 | 52 | BIOL MEMBRANY | 0.23 | 0.41 | 1.7 | 1 | 0.318 | 1990–2001 |

CHEMISTRY, ANALYTICAL

ISI Category Description Chemistry, Analytical covers resources on the techniques that yield any type of information about chemical systems. Topics include chromatography, thermal analysis, chemometrics, separation techniques, pyrolysis, and electroanalytical and radioanalytical chemistry. Some spectroscopy resources may be included in this category when focusing on analytical techniques and applications in chemistry.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | ANAL CHEM | | 1.44 | 0.40 | 39.0 | 24 | 5.646 | 1970–1998 |
| 2 | 8 | ANAL BIOCHEM | | 1.28 | 0.47 | 67.8 | 15 | 2.948 | 1959–1989 |
| 3 | 6 | J AM SOC MASS SPECTR | | 1.26 | 0.37 | 25.5 | 15 | 3.307 | 1989–2000 |
| 4 | 14 | J ELECTROANAL CHEM | | 1.25 | 0.40 | 25.8 | 15 | 2.339 | 1963–1991 |
| 5 | 5 | J ANAL ATOM SPECTROM | | 1.25 | 0.33 | 19.6 | 14 | 3.630 | 1998–2000 |
| 6 | 3 | BIOSENS BIOELECTRON | | 1.25 | 0.41 | 21.1 | 15 | 4.132 | 1990–2000 |
| 7 | 28 | J CHROMATOGR SCI | | 1.16 | 0.38 | 20.8 | 12 | 0.880 | 1968–1995 |
| 8 | 4 | ELECTROPHORESIS | | 1.16 | 0.40 | 19.8 | 12 | 4.101 | 1994–1996 |
| 9 | 9 | ANAL CHIM ACTA | | 1.16 | 0.36 | 18.4 | 12 | 2.894 | 1964–1999 |
| 10 | 2 | TRAC-TREND ANAL CHEM | | 1.13 | 0.42 | 18.0 | 11 | 5.068 | 1990–2003 |
| 11 | 24 | J ANAL TOXICOL | | 1.12 | 0.34 | 15.9 | 11 | 1.242 | 1977–1996 |
| 12 | 7 | ANALYST | | 1.10 | 0.36 | 15.4 | 10 | 3.198 | 1985–1996 |
| 13 | 11 | RAPID COMMUN MASS SP | | 1.05 | 0.44 | 18.4 | 9 | 2.680 | 1989–1997 |
| 14 | 16 | CHIRALITY | | 1.06 | 0.34 | 13.7 | 9 | 2.165 | 1990–1997 |
| 15 | 13 | ELECTROANAL | | 1.04 | 0.37 | 12.4 | 9 | 2.444 | 1989–1999 |
| 16 | 10 | TALANTA | | 1.02 | 0.34 | 12.4 | 9 | 2.810 | 1985–2001 |
| 17 | 25 | CHROMATOGRAPHIA | | 1.02 | 0.35 | 13.8 | 8 | 1.171 | 1974–1998 |
| 18 | 15 | SENSOR ACTUAT B-CHEM | | 1.02 | 0.38 | 12.2 | 8 | 2.331 | 1995–2001 |
| 19 | 22 | J ANAL APPL PYROL | | 1.00 | 0.37 | 12.8 | 8 | 1.412 | 1979–1998 |
| 20 | 12 | CHEMOMETR INTELL LAB | | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 |
| 21 | 27 | INT J ENVIRON AN CH | | 0.95 | 0.37 | 11.7 | 7 | 0.917 | 1976–1996 |
| 22 | 17 | J PHARMACEUT BIOMED | | 0.94 | 0.34 | 9.6 | 7 | 2.032 | 1984–2000 |
| 23 | 18 | BIOMED CHROMATOGR | | 0.90 | 0.39 | 8.3 | 6 | 1.611 | 1988–1999 |

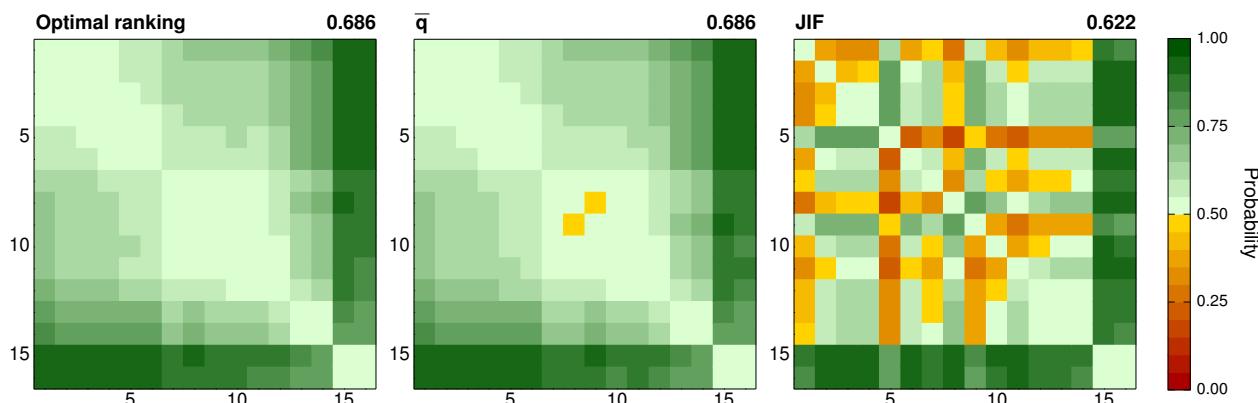
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|------|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 24 | 26 | ANAL LETT | 0.85 | 0.36 | 8.6 | 5 | 0.986 | 1977–1998 |
| 25 | 23 | J AOAC INT | 0.87 | 0.56 | 11.0 | 5 | 1.352 | 1991–1996 |
| 26 | 19 | ANAL SCI | 0.81 | 0.36 | 7.2 | 5 | 1.589 | 1987–1998 |
| 27 | 20 | MICROCHEM J | 0.79 | 0.37 | 6.5 | 4 | 1.558 | 1995–2001 |
| 28 | 34 | COMMUN SOIL SCI PLAN | 0.72 | 0.41 | 8.9 | 4 | 0.302 | 1973–1995 |
| 29 | 21 | THERMOCHIM ACTA | 0.70 | 0.38 | 6.0 | 4 | 1.417 | 1985–2001 |
| 30 | 31 | ANN CHIM-ROME | 0.57 | 0.38 | 4.4 | 3 | 0.516 | 1968–1998 |
| 31 | 29 | J LABELLED COMPD RAD | 0.52 | 0.38 | 4.0 | 2 | 0.746 | 1978–2003 |
| 32 | 30 | CHEM ANAL-WARSAW | 0.47 | 0.35 | 2.9 | 2 | 0.560 | 1976–2000 |
| 33 | 33 | BUNSEKI KAGAKU | 0.40 | 0.38 | 2.5 | 2 | 0.307 | 1988–2000 |
| 34 | 32 | J ANAL CHEM+ | 0.04 | 0.40 | 0.9 | 0 | 0.444 | 1994–2003 |
| 35 | 35 | AM LAB | -0.02 | 0.44 | 1.0 | 0 | 0.220 | 2000–2003 |

CHEMISTRY, APPLIED

ISI Category Description Chemistry, Applied covers resources that report on the application of basic chemical sciences to other sciences, engineering, and industry. Topics include chemical engineering (catalysis, fuel processing, microencapsulation, and functional polymers); food science and technology (cereals, hydrocolloids, and food additives); medicinal chemistry (pharmacology); dyes and pigments; coatings technology; and cosmetics.

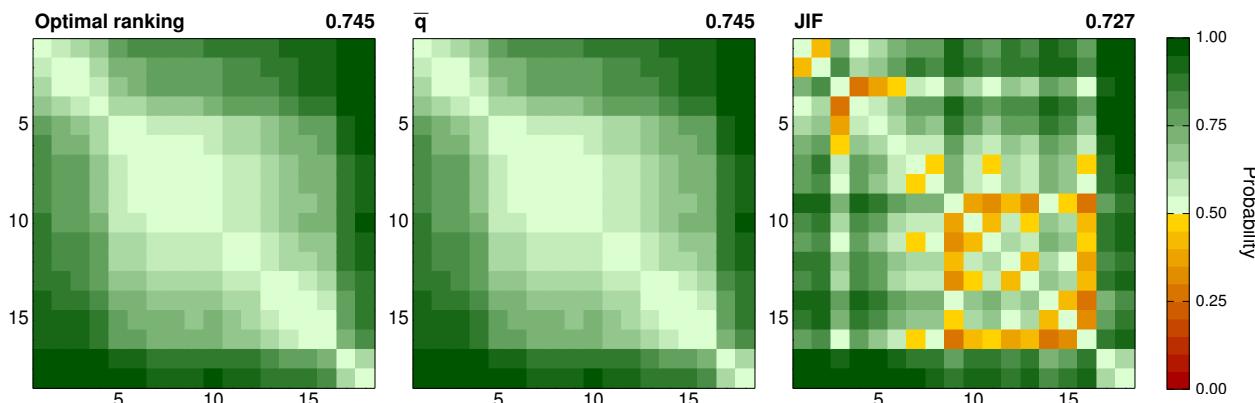


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 8 | CARBOHYD RES | 1.23 | 0.36 | 23.6 | 14 | 1.703 | 1967–1989 |
| 2 | 3 | J AGR FOOD CHEM | 1.20 | 0.38 | 21.2 | 13 | 2.322 | 1966–1994 |
| 3 | 4 | CATAL TODAY | 1.19 | 0.39 | 20.5 | 13 | 2.148 | 1992–2000 |
| 4 | 11 | CEREAL CHEM | 1.17 | 0.38 | 19.3 | 12 | 1.254 | 1954–1995 |
| 5 | 2 | J NAT PROD | 1.12 | 0.31 | 15.2 | 11 | 2.418 | 1978–1996 |
| 6 | 6 | CARBOHYD POLYM | 1.11 | 0.34 | 14.6 | 10 | 1.784 | 1993–2000 |
| 7 | 12 | APPL ORGANOMET CHEM | 1.02 | 0.39 | 12.4 | 8 | 1.233 | 1989–1998 |
| 8 | 10 | BIOSCI BIOTECH BIOCH | 1.00 | 0.35 | 12.1 | 8 | 1.256 | 1991–1994 |
| 9 | 13 | J SCI FOOD AGR | 1.00 | 0.40 | 12.8 | 8 | 1.026 | 1986–1996 |
| 10 | 7 | FOOD ADDIT CONTAM | 0.97 | 0.37 | 11.4 | 8 | 1.780 | 1985–2001 |
| 11 | 14 | J AM OIL CHEM SOC | 0.98 | 0.46 | 15.0 | 7 | 0.910 | 1955–1991 |
| 12 | 1 | FOOD CHEM | 0.91 | 0.37 | 9.9 | 6 | 2.433 | 1976–2002 |
| 13 | 9 | FUEL PROCESS TECHNOL | 0.77 | 0.41 | 7.5 | 4 | 1.323 | 1976–2001 |
| 14 | 5 | DYES PIGMENTS | 0.69 | 0.36 | 5.9 | 3 | 1.909 | 1980–2003 |
| 15 | 15 | AGROCHIMICA | 0.13 | 0.43 | 1.5 | 0 | 0.231 | 1965–2003 |
| 16 | 16 | CHEM IND-LONDON | 0.11 | 0.61 | 2.8 | 0 | 0.225 | 1954–2002 |

CHEMISTRY, INORGANIC & NUCLEAR

ISI Category Description Chemistry, Inorganic & Nuclear includes resources on both inorganic and nuclear chemistry. Chemistry, Inorganic covers resources that are concerned with non-carbon elements and the preparation, properties, and reactions of their compounds. It also includes resources on the study of certain simple carbon compounds, including the oxides, carbon disulfide, the halides, hydrogen cyanide, and salts, such as the cyanides, cyanates, carbonates, and hydrogencarbonates. Resources on coordination chemistry and organo-metallic compounds (those containing a carbon-metal bond) are also covered in this category. Chemistry, Nuclear includes resources on the study of the atomic nucleus, including fission and fusion reactions and their products. This category also covers radiochemistry resources focusing on such topics as the preparation of radioactive compounds, the separation of isotopes by chemical reactions, the use of radioactive labels in studies of mechanisms, and experiments on the chemical reactions and compounds of transuranic elements.

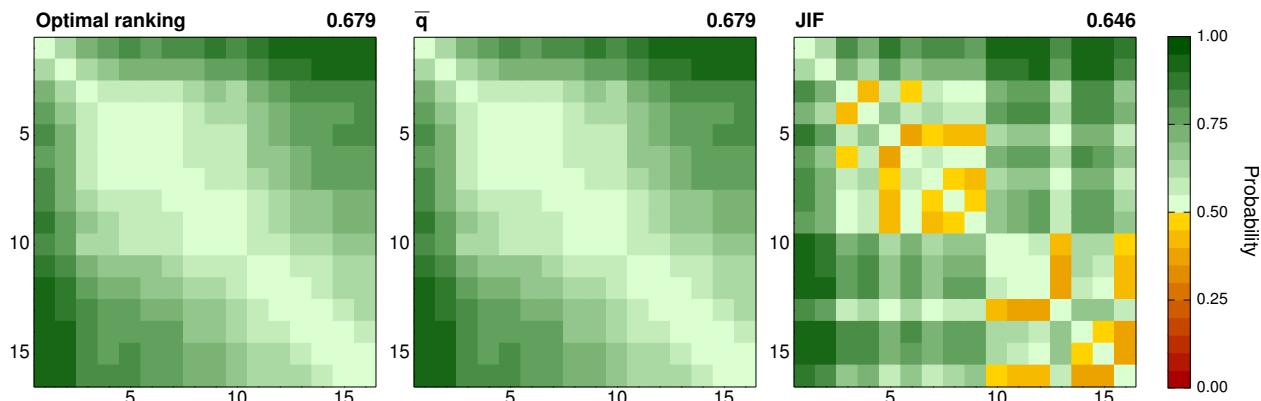


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ORGANOMETALLICS | 1.52 | 0.31 | 39.2 | 29 | 3.632 | 1981–1984 |
| 2 | 1 | INORG CHEM | 1.41 | 0.32 | 30.2 | 23 | 3.911 | 1982–1994 |
| 3 | 4 | TETRAHEDRON-ASYMMETR | 1.36 | 0.27 | 25.9 | 21 | 2.468 | 1989–1990 |
| 4 | 5 | J ORGANOMET CHEM | 1.27 | 0.32 | 22.3 | 16 | 2.332 | 1970–1981 |
| 5 | 6 | J SOLID STATE CHEM | 1.11 | 0.37 | 17.7 | 11 | 2.107 | 1980–1992 |
| 6 | 3 | J INORG BIOCHEM | 1.08 | 0.35 | 13.8 | 10 | 2.654 | 1984–2000 |
| 7 | 8 | INORG CHIM ACTA | 1.03 | 0.35 | 12.2 | 9 | 1.674 | 1979–1996 |
| 8 | 16 | Z NATURFORSCH B | 1.02 | 0.36 | 12.3 | 9 | 0.825 | 1971–1988 |
| 9 | 11 | APPL ORGANOMET CHEM | 1.02 | 0.39 | 12.4 | 8 | 1.233 | 1989–1998 |
| 10 | 7 | POLYHEDRON | 1.00 | 0.33 | 11.2 | 8 | 1.843 | 1990–1997 |
| 11 | 13 | J COORD CHEM | 0.92 | 0.35 | 9.4 | 6 | 0.978 | 1975–1994 |
| 12 | 10 | Z ANORG ALLG CHEM | 0.90 | 0.34 | 8.7 | 6 | 1.241 | 1986–1996 |
| 13 | 12 | RADIOCHIM ACTA | 0.83 | 0.38 | 8.4 | 5 | 1.068 | 1965–2000 |
| 14 | 15 | TRANSIT METAL CHEM | 0.76 | 0.35 | 6.5 | 4 | 0.918 | 1986–2001 |
| 15 | 9 | J FLUORINE CHEM | 0.68 | 0.32 | 5.7 | 3 | 1.515 | 2000–2002 |
| 16 | 14 | APPL RADIAT ISOTOPES | 0.65 | 0.40 | 5.0 | 3 | 0.924 | 1993–2000 |
| 17 | 17 | PHOSPHORUS SULFUR | 0.19 | 0.46 | 1.6 | 1 | 0.520 | 1998–2002 |
| 18 | 18 | J STRUCT CHEM+ | -0.20 | 0.49 | 0.7 | 0 | 0.345 | 1974–2004 |

CHEMISTRY, MEDICINAL

ISI Category Description Chemistry, Medicinal includes resources emphasizing the isolation and study of substances with therapeutic potential. Topics of interest are quantitative structure-function relationships, structural characterization and organic syntheses of naturally occurring compounds, and chemical and analytical techniques used in rational drug design. See also the PHARMACOLOGY & PHARMACY category.

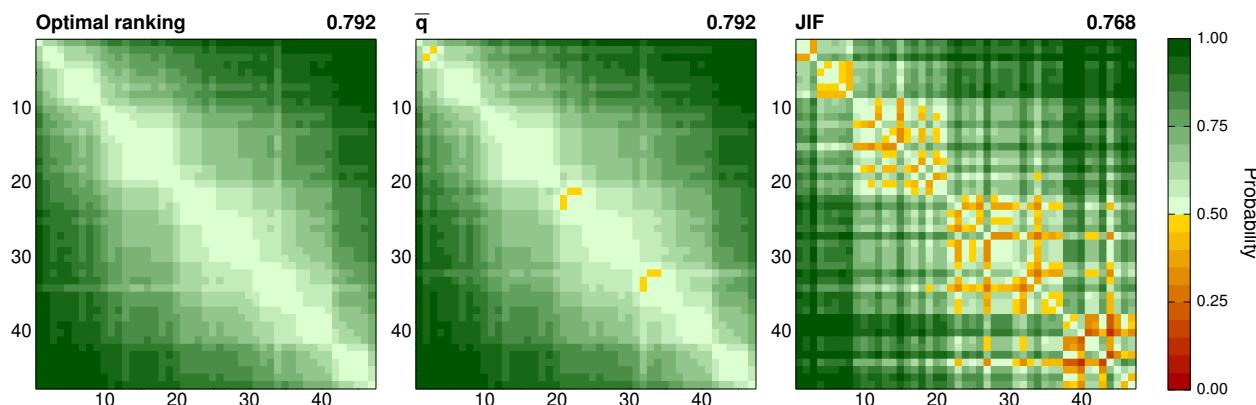


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J MED CHEM | 1.42 | 0.30 | 31.2 | 23 | 5.115 | 1992–1998 |
| 2 | 2 | CHEM RES TOXICOL | 1.29 | 0.30 | 23.4 | 16 | 3.162 | 1997–1999 |
| 3 | 4 | J NAT PROD | 1.12 | 0.31 | 15.2 | 11 | 2.418 | 1978–1996 |
| 4 | 6 | CHIRALITY | 1.06 | 0.34 | 13.7 | 9 | 2.165 | 1990–1997 |
| 5 | 3 | BIOORG MED CHEM LETT | 1.03 | 0.30 | 11.2 | 9 | 2.538 | 1999–2001 |
| 6 | 9 | CHEM PHARM BULL | 1.01 | 0.34 | 12.5 | 8 | 1.262 | 1961–1990 |
| 7 | 8 | J ETHNOPHARMACOL | 0.99 | 0.33 | 10.8 | 8 | 1.625 | 1978–2001 |
| 8 | 7 | PLANTA MED | 0.94 | 0.44 | 11.0 | 7 | 1.746 | 1977–2000 |
| 9 | 5 | EUR J MED CHEM | 0.90 | 0.35 | 9.7 | 6 | 2.187 | 1978–2001 |
| 10 | 13 | DRUG DEVELOP RES | 0.89 | 0.47 | 12.0 | 6 | 0.752 | 1980–1999 |
| 11 | 16 | ARZNEIMITTEL-FORSCH | 0.76 | 0.42 | 8.7 | 4 | 0.596 | 1955–1996 |
| 12 | 10 | PHYTOTHER RES | 0.73 | 0.34 | 6.0 | 4 | 1.144 | 1998–2001 |
| 13 | 11 | ARCH PHARM | 0.66 | 0.32 | 4.8 | 3 | 1.076 | 1968–2001 |
| 14 | 12 | DRUG DEV IND PHARM | 0.61 | 0.34 | 4.1 | 3 | 0.821 | 1999–2002 |
| 15 | 15 | PHARMAZIE | 0.56 | 0.37 | 4.0 | 2 | 0.606 | 1974–2001 |
| 16 | 14 | J LABELLED COMPD RAD | 0.52 | 0.38 | 4.0 | 2 | 0.746 | 1978–2003 |

CHEMISTRY, MULTIDISCIPLINARY

ISI Category Description Chemistry, Multidisciplinary includes resources having a general or interdisciplinary approach to the chemical sciences. Special topic chemistry resources that have relevance to many areas of chemistry are also included in this category. Resources having a primary focus on analytical, inorganic and nuclear, organic, physical, or polymer chemistry are placed in their own categories.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | J AM CHEM SOC | 1.62 | 0.34 | 58.4 | 37 | 7.696 | 1967–1994 |
| 2 | 1 | ANGEW CHEM INT EDIT | 1.47 | 0.35 | 37.6 | 25 | 10.232 | 1992–1999 |
| 3 | 2 | ADV MATER | 1.47 | 0.43 | 39.9 | 25 | 7.896 | 1995–2001 |
| 4 | 8 | MAR CHEM | 1.38 | 0.36 | 31.1 | 20 | 2.663 | 1976–1996 |
| 5 | 7 | CHEM RES TOXICOL | 1.29 | 0.30 | 23.4 | 16 | 3.162 | 1997–1999 |
| 6 | 5 | J CONTROL RELEASE | 1.28 | 0.35 | 22.8 | 16 | 4.012 | 1997–2000 |
| 7 | 4 | J COMPUT CHEM | 1.26 | 0.44 | 47.1 | 15 | 4.893 | 1979–1999 |
| 8 | 6 | BIOCONJUGATE CHEM | 1.25 | 0.34 | 23.2 | 15 | 3.823 | 1990–2000 |
| 9 | 15 | HELV CHIM ACTA | 1.20 | 0.38 | 22.5 | 13 | 1.550 | 1955–1996 |
| 10 | 12 | CHEM LETT | 1.09 | 0.36 | 15.5 | 10 | 1.734 | 1978–1991 |
| 11 | 9 | NEW J CHEM | 1.04 | 0.39 | 14.6 | 9 | 2.647 | 1984–2000 |
| 12 | 18 | CHEM PHARM BULL | 1.01 | 0.34 | 12.5 | 8 | 1.262 | 1961–1990 |
| 13 | 10 | PURE APPL CHEM | 1.00 | 0.46 | 16.0 | 8 | 1.920 | 1988–2000 |
| 14 | 20 | SOLVENT EXTR ION EXC | 0.96 | 0.38 | 11.0 | 7 | 1.162 | 1987–1998 |
| 15 | 16 | B CHEM SOC JPN | 0.94 | 0.36 | 11.0 | 7 | 1.505 | 1990–1998 |
| 16 | 11 | AUST J CHEM | 0.94 | 0.34 | 10.0 | 7 | 1.895 | 1987–1995 |
| 17 | 14 | MAGN RESON CHEM | 0.93 | 0.35 | 9.9 | 6 | 1.610 | 1984–1994 |
| 18 | 13 | J CHEM ENG DATA | 0.92 | 0.41 | 12.0 | 6 | 1.642 | 1964–1998 |
| 19 | 21 | CAN J CHEM | 0.91 | 0.36 | 9.6 | 6 | 1.153 | 1994–1998 |
| 20 | 17 | J CHEM TECHNOL BIOT | 0.84 | 0.41 | 9.4 | 5 | 1.276 | 1978–1999 |
| 21 | 34 | ARZNEIMITTEL-FORSCH | 0.76 | 0.42 | 8.7 | 4 | 0.596 | 1955–1996 |
| 22 | 19 | J PHYS CHEM SOLIDS | 0.76 | 0.41 | 7.5 | 4 | 1.164 | 1996–2000 |
| 23 | 26 | HETEROATOM CHEM | 0.78 | 0.40 | 6.3 | 4 | 0.838 | 1990–1995 |

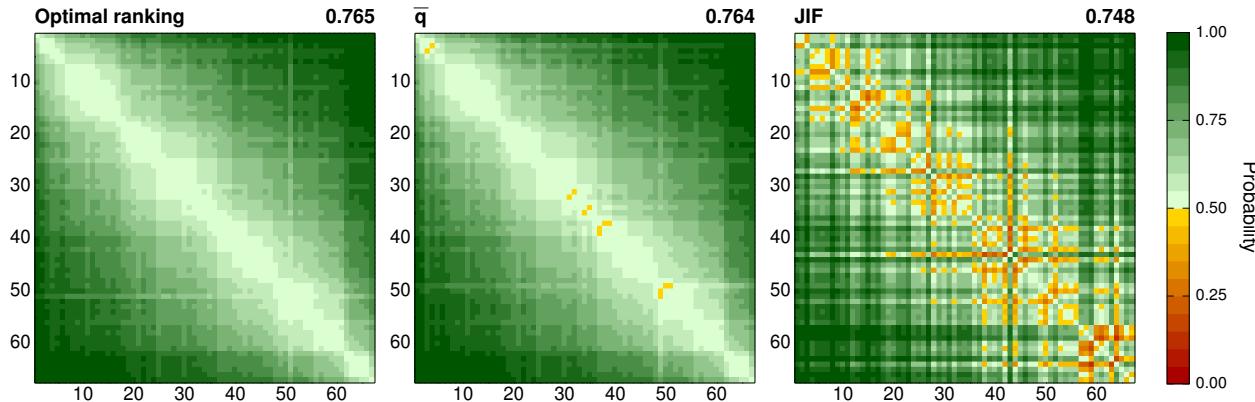
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 24 | MONATSH CHEM | 0.68 | 0.35 | 5.5 | 3 | 0.920 | 1985–2000 |
| 25 | 28 | CROAT CHEM ACTA | 0.68 | 0.42 | 6.7 | 3 | 0.778 | 1963–1998 |
| 26 | 22 | ARCH PHARM | 0.66 | 0.32 | 4.8 | 3 | 1.076 | 1968–2001 |
| 27 | 29 | MENDELEEV COMMUN | 0.65 | 0.35 | 4.6 | 3 | 0.712 | 1991–2000 |
| 28 | 30 | INDIAN J CHEM A | 0.65 | 0.38 | 4.9 | 3 | 0.631 | 1976–1995 |
| 29 | 25 | COLLECT CZECH CHEM C | 0.61 | 0.36 | 4.7 | 3 | 0.881 | 1984–2001 |
| 30 | 44 | J CHEM RES-S | 0.61 | 0.38 | 4.5 | 3 | 0.210 | 1985–2000 |
| 31 | 33 | PHARMAZIE | 0.56 | 0.37 | 4.0 | 2 | 0.606 | 1974–2001 |
| 32 | 37 | J CHEM EDUC | 0.53 | 0.43 | 5.4 | 2 | 0.439 | 1968–1999 |
| 33 | 36 | POL J CHEM | 0.52 | 0.38 | 3.6 | 2 | 0.491 | 1977–2002 |
| 34 | 31 | CHIMIA | 0.54 | 0.64 | 7.1 | 2 | 0.626 | 1960–1998 |
| 35 | 23 | B KOR CHEM SOC | 0.45 | 0.37 | 3.0 | 2 | 0.950 | 1980–2003 |
| 36 | 35 | J CHIN CHEM SOC-TAIP | 0.44 | 0.39 | 3.1 | 2 | 0.577 | 1960–2002 |
| 37 | 41 | J INDIAN CHEM SOC | 0.37 | 0.39 | 2.6 | 1 | 0.340 | 1982–2001 |
| 38 | 42 | ANN CHIM-SCI MAT | 0.35 | 0.43 | 2.7 | 1 | 0.288 | 1977–2002 |
| 39 | 27 | ACTA CHIM SINICA | 0.34 | 0.42 | 2.4 | 1 | 0.783 | 1979–2003 |
| 40 | 32 | SCI CHINA SER B | 0.32 | 0.44 | 2.4 | 1 | 0.617 | 1984–2002 |
| 41 | 45 | REV ROUM CHIM | 0.28 | 0.41 | 2.0 | 1 | 0.208 | 1979–2000 |
| 42 | 47 | J CHEM SOC PAKISTAN | 0.13 | 0.41 | 1.3 | 1 | 0.152 | 1984–2002 |
| 43 | 39 | PRZEM CHEM | 0.03 | 0.40 | 0.9 | 0 | 0.429 | 1969–2002 |
| 44 | 38 | CHEM LISTY | 0.01 | 0.42 | 1.0 | 0 | 0.431 | 1987–2004 |
| 45 | 46 | AFINIDAD | -0.05 | 0.46 | 0.9 | 0 | 0.188 | 1978–2000 |
| 46 | 43 | REV CHIM-BUCHAREST | -0.05 | 0.42 | 0.8 | 0 | 0.287 | 1976–2002 |
| 47 | 40 | CHEM ENG NEWS | -0.50 | 0.67 | 0.9 | 0 | 0.379 | 1967–2004 |

CHEMISTRY, ORGANIC

ISI Category Description Chemistry, Organic includes resources that focus on synthetic and natural organic compounds their synthesis, structure, properties, and reactivity. Research on hydrocarbons, a major area of organic chemistry, is included in this category.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | J AM CHEM SOC | 1.62 | 0.34 | 58.4 | 37 | 7.696 | 1967–1994 |
| 2 | 8 | ORGANOMETALLICS | 1.52 | 0.31 | 39.2 | 29 | 3.632 | 1981–1984 |
| 3 | 1 | ANGEW CHEM INT EDIT | 1.47 | 0.35 | 37.6 | 25 | 10.232 | 1992–1999 |
| 4 | 2 | ADV MATER | 1.47 | 0.43 | 39.9 | 25 | 7.896 | 1995–2001 |
| 5 | 11 | MAR CHEM | 1.38 | 0.36 | 31.1 | 20 | 2.663 | 1976–1996 |
| 6 | 15 | TETRAHEDRON-ASYMMETR | 1.36 | 0.27 | 25.9 | 21 | 2.468 | 1989–1990 |
| 7 | 9 | CHEM RES TOXICOL | 1.29 | 0.30 | 23.4 | 16 | 3.162 | 1997–1999 |
| 8 | 7 | J ORG CHEM | 1.29 | 0.35 | 25.9 | 17 | 3.790 | 1968–1989 |
| 9 | 5 | J CONTROL RELEASE | 1.28 | 0.35 | 22.8 | 16 | 4.012 | 1997–2000 |
| 10 | 17 | J ORGANOMET CHEM | 1.27 | 0.32 | 22.3 | 16 | 2.332 | 1970–1981 |
| 11 | 4 | J COMPUT CHEM | 1.26 | 0.44 | 47.1 | 15 | 4.893 | 1979–1999 |
| 12 | 6 | BIOCONJUGATE CHEM | 1.25 | 0.34 | 23.2 | 15 | 3.823 | 1990–2000 |
| 13 | 23 | CARBOHYD RES | 1.23 | 0.36 | 23.6 | 14 | 1.703 | 1967–1989 |
| 14 | 10 | TETRAHEDRON | 1.21 | 0.35 | 21.7 | 13 | 2.817 | 1976–1993 |
| 15 | 27 | HELV CHIM ACTA | 1.20 | 0.38 | 22.5 | 13 | 1.550 | 1955–1996 |
| 16 | 14 | TETRAHEDRON LETT | 1.19 | 0.33 | 19.1 | 13 | 2.509 | 1959–1998 |
| 17 | 16 | SYNTHESIS-STUTTGART | 1.16 | 0.34 | 18.3 | 12 | 2.333 | 1971–1995 |
| 18 | 21 | CARBOHYD POLYM | 1.11 | 0.34 | 14.6 | 10 | 1.784 | 1993–2000 |
| 19 | 22 | CHEM LETT | 1.09 | 0.36 | 15.5 | 10 | 1.734 | 1978–1991 |
| 20 | 18 | CHIRALITY | 1.06 | 0.34 | 13.7 | 9 | 2.165 | 1990–1997 |
| 21 | 12 | NEW J CHEM | 1.04 | 0.39 | 14.6 | 9 | 2.647 | 1984–2000 |
| 22 | 13 | BIOORG MED CHEM LETT | 1.03 | 0.30 | 11.2 | 9 | 2.538 | 1999–2001 |
| 23 | 43 | Z NATURFORSCH B | 1.02 | 0.36 | 12.3 | 9 | 0.825 | 1971–1988 |
| 24 | 31 | CHEM PHARM BULL | 1.01 | 0.34 | 12.5 | 8 | 1.262 | 1961–1990 |

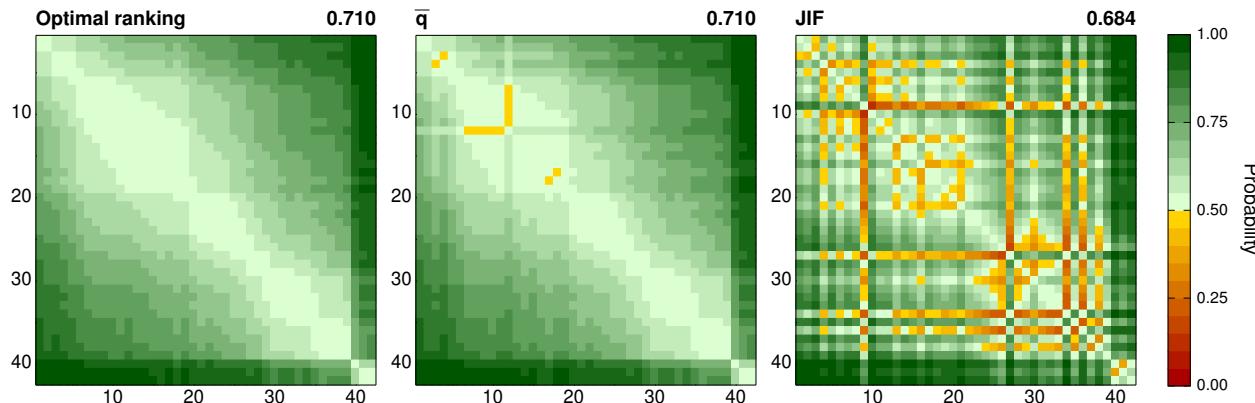
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 19 | PURE APPL CHEM | 1.00 | 0.46 | 16.0 | 8 | 1.920 | 1988–2000 |
| 26 | 33 | SOLVENT EXTR ION EXC | 0.96 | 0.38 | 11.0 | 7 | 1.162 | 1987–1998 |
| 27 | 29 | B CHEM SOC JPN | 0.94 | 0.36 | 11.0 | 7 | 1.505 | 1990–1998 |
| 28 | 20 | AUST J CHEM | 0.94 | 0.34 | 10.0 | 7 | 1.895 | 1987–1995 |
| 29 | 25 | MAGN RESON CHEM | 0.93 | 0.35 | 9.9 | 6 | 1.610 | 1984–1994 |
| 30 | 24 | J CHEM ENG DATA | 0.92 | 0.41 | 12.0 | 6 | 1.642 | 1964–1998 |
| 31 | 35 | HETEROCYCLES | 0.91 | 0.32 | 9.0 | 6 | 1.077 | 1974–1993 |
| 32 | 34 | CAN J CHEM | 0.91 | 0.36 | 9.6 | 6 | 1.153 | 1994–1998 |
| 33 | 46 | J HETEROCYCLIC CHEM | 0.84 | 0.33 | 7.7 | 5 | 0.776 | 1984–1992 |
| 34 | 26 | J PHYS ORG CHEM | 0.84 | 0.33 | 8.4 | 5 | 1.593 | 1995–2000 |
| 35 | 30 | J CHEM TECHNOL BIOT | 0.84 | 0.41 | 9.4 | 5 | 1.276 | 1978–1999 |
| 36 | 37 | SYNTHETIC COMMUN | 0.82 | 0.35 | 7.6 | 5 | 1.001 | 1986–1997 |
| 37 | 52 | ARZNEIMITTEL-FORSCH | 0.76 | 0.42 | 8.7 | 4 | 0.596 | 1955–1996 |
| 38 | 32 | J PHYS CHEM SOLIDS | 0.76 | 0.41 | 7.5 | 4 | 1.164 | 1996–2000 |
| 39 | 41 | HETEROATOM CHEM | 0.78 | 0.40 | 6.3 | 4 | 0.838 | 1990–1995 |
| 40 | 28 | J FLUORINE CHEM | 0.68 | 0.32 | 5.7 | 3 | 1.515 | 2000–2002 |
| 41 | 39 | MONATSH CHEM | 0.68 | 0.35 | 5.5 | 3 | 0.920 | 1985–2000 |
| 42 | 45 | CROAT CHEM ACTA | 0.68 | 0.42 | 6.7 | 3 | 0.778 | 1963–1998 |
| 43 | 36 | ARCH PHARM | 0.66 | 0.32 | 4.8 | 3 | 1.076 | 1968–2001 |
| 44 | 47 | MENDELEEV COMMUN | 0.65 | 0.35 | 4.6 | 3 | 0.712 | 1991–2000 |
| 45 | 48 | INDIAN J CHEM A | 0.65 | 0.38 | 4.9 | 3 | 0.631 | 1976–1995 |
| 46 | 40 | COLLECT CZECH CHEM C | 0.61 | 0.36 | 4.7 | 3 | 0.881 | 1984–2001 |
| 47 | 64 | J CHEM RES-S | 0.61 | 0.38 | 4.5 | 3 | 0.210 | 1985–2000 |
| 48 | 51 | PHARMAZIE | 0.56 | 0.37 | 4.0 | 2 | 0.606 | 1974–2001 |
| 49 | 56 | J CHEM EDUC | 0.53 | 0.43 | 5.4 | 2 | 0.439 | 1968–1999 |
| 50 | 54 | POL J CHEM | 0.52 | 0.38 | 3.6 | 2 | 0.491 | 1977–2002 |
| 51 | 49 | CHIMIA | 0.54 | 0.64 | 7.1 | 2 | 0.626 | 1960–1998 |
| 52 | 61 | KHIM GETEROTSIKL+ | 0.48 | 0.36 | 2.9 | 2 | 0.313 | 1988–1996 |
| 53 | 55 | INDIAN J CHEM B | 0.48 | 0.40 | 3.4 | 2 | 0.491 | 1995–1999 |
| 54 | 38 | B KOR CHEM SOC | 0.45 | 0.37 | 3.0 | 2 | 0.950 | 1980–2003 |
| 55 | 53 | J CHIN CHEM SOC-TAIP | 0.44 | 0.39 | 3.1 | 2 | 0.577 | 1960–2002 |
| 56 | 42 | J SYN ORG CHEM JPN | 0.40 | 0.52 | 3.8 | 1 | 0.832 | 1978–2001 |
| 57 | 60 | J INDIAN CHEM SOC | 0.37 | 0.39 | 2.6 | 1 | 0.340 | 1982–2001 |
| 58 | 62 | ANN CHIM-SCI MAT | 0.35 | 0.43 | 2.7 | 1 | 0.288 | 1977–2002 |
| 59 | 44 | ACTA CHIM SINICA | 0.34 | 0.42 | 2.4 | 1 | 0.783 | 1979–2003 |
| 60 | 50 | SCI CHINA SER B | 0.32 | 0.44 | 2.4 | 1 | 0.617 | 1984–2002 |
| 61 | 65 | REV ROUM CHIM | 0.28 | 0.41 | 2.0 | 1 | 0.208 | 1979–2000 |
| 62 | 67 | J CHEM SOC PAKISTAN | 0.13 | 0.41 | 1.3 | 1 | 0.152 | 1984–2002 |
| 63 | 58 | PRZEM CHEM | 0.03 | 0.40 | 0.9 | 0 | 0.429 | 1969–2002 |
| 64 | 57 | CHEM LISTY | 0.01 | 0.42 | 1.0 | 0 | 0.431 | 1987–2004 |
| 65 | 66 | AFINIDAD | -0.05 | 0.46 | 0.9 | 0 | 0.188 | 1978–2000 |
| 66 | 63 | REV CHIM-BUCHAREST | -0.05 | 0.42 | 0.8 | 0 | 0.287 | 1976–2002 |
| 67 | 59 | CHEM ENG NEWS | -0.50 | 0.67 | 0.9 | 0 | 0.379 | 1967–2004 |

CHEMISTRY, PHYSICAL

ISI Category Description Chemistry, Physical includes resources on photochemistry, solid state chemistry, kinetics, catalysis, quantum chemistry, surface chemistry, electrochemistry, chemical thermodynamics, thermophysics, colloids, fullerenes, and zeolites.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | J CATAL | 1.47 | 0.39 | 41.0 | 26 | 4.533 | 1961–1995 |
| 2 | 1 | ADV MATER | 1.47 | 0.43 | 39.9 | 25 | 7.896 | 1995–2001 |
| 3 | 10 | TETRAHEDRON-ASYMMETR | 1.36 | 0.27 | 25.9 | 21 | 2.468 | 1989–1990 |
| 4 | 5 | LANGMUIR | 1.36 | 0.38 | 31.6 | 20 | 3.902 | 1984–1995 |
| 5 | 2 | CHEM MATER | 1.33 | 0.38 | 29.0 | 18 | 5.104 | 1989–2000 |
| 6 | 7 | J AM SOC MASS SPECTR | 1.26 | 0.37 | 25.5 | 15 | 3.307 | 1989–2000 |
| 7 | 27 | SURF INTERFACE ANAL | 1.17 | 0.38 | 30.9 | 14 | 1.427 | 1980–1984 |
| 8 | 12 | J COLLOID INTERF SCI | 1.24 | 0.42 | 24.4 | 14 | 2.233 | 1986–1992 |
| 9 | 11 | CHEM PHYS LETT | 1.21 | 0.39 | 23.1 | 14 | 2.462 | 1972–1993 |
| 10 | 34 | J SOLUTION CHEM | 1.19 | 0.38 | 21.9 | 13 | 1.026 | 1974–1985 |
| 11 | 14 | CATAL TODAY | 1.19 | 0.39 | 20.5 | 13 | 2.148 | 1992–2000 |
| 12 | 8 | APPL CATAL A-GEN | 1.18 | 0.34 | 16.8 | 13 | 2.630 | 1997–1999 |
| 13 | 21 | CATAL LETT | 1.16 | 0.39 | 19.0 | 12 | 1.772 | 1988–1997 |
| 14 | 17 | CHEM PHYS | 1.15 | 0.38 | 17.7 | 12 | 1.984 | 1986–1995 |
| 15 | 6 | CARBON | 1.15 | 0.41 | 19.3 | 11 | 3.884 | 1963–1998 |
| 16 | 36 | INT J CHEM KINET | 1.12 | 0.41 | 18.9 | 11 | 0.870 | 1980–1992 |
| 17 | 15 | J SOLID STATE CHEM | 1.11 | 0.37 | 17.7 | 11 | 2.107 | 1980–1992 |
| 18 | 18 | SURF SCI | 1.12 | 0.47 | 18.5 | 11 | 1.880 | 1989–1995 |
| 19 | 4 | J MATER CHEM | 1.11 | 0.36 | 15.9 | 10 | 4.287 | 1990–2001 |
| 20 | 20 | BIOPHYS CHEM | 1.04 | 0.37 | 14.1 | 9 | 1.784 | 1982–1999 |
| 21 | 13 | SOLID STATE IONICS | 1.02 | 0.42 | 13.3 | 8 | 2.190 | 1998–2000 |
| 22 | 19 | J CHEM THERMODYN | 1.00 | 0.35 | 12.1 | 8 | 1.842 | 1983–1994 |
| 23 | 22 | FLUID PHASE EQUILIBR | 0.99 | 0.39 | 12.3 | 7 | 1.680 | 1987–1995 |
| 24 | 30 | COLLOID POLYM SCI | 0.97 | 0.41 | 13.3 | 7 | 1.249 | 1973–1999 |

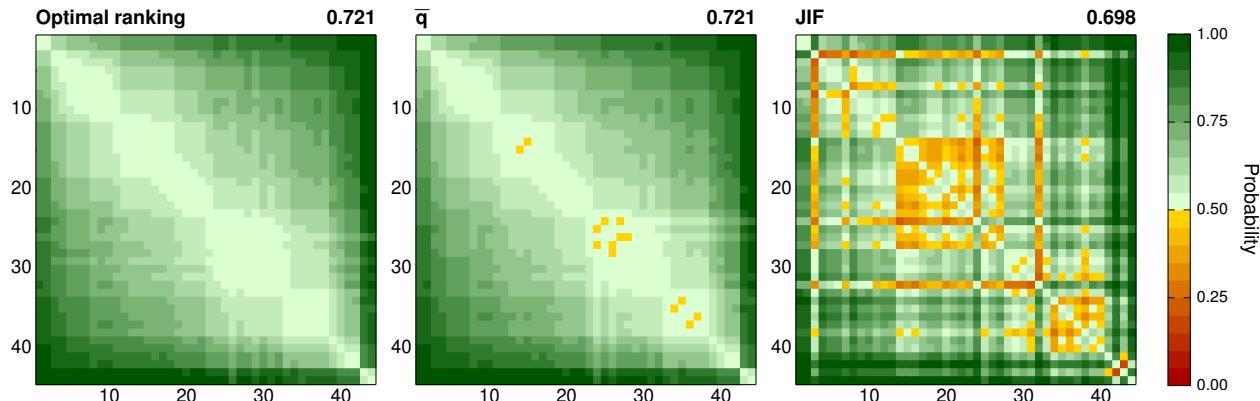
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|------------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 16 | J PHOTOCHEM PHOTOBIO A | 0.93 | 0.37 | 10.7 | 7 | 2.098 | 1986–2002 |
| 26 | 23 | MAGN RESON CHEM | 0.93 | 0.35 | 9.9 | 6 | 1.610 | 1984–1994 |
| 27 | 38 | INT J THERMOPHYS | 0.88 | 0.39 | 9.2 | 6 | 0.793 | 1985–1997 |
| 28 | 24 | J PHYS ORG CHEM | 0.84 | 0.33 | 8.4 | 5 | 1.593 | 1995–2000 |
| 29 | 29 | J ALLOY COMPD | 0.80 | 0.42 | 8.2 | 5 | 1.250 | 1990–1997 |
| 30 | 31 | INT J QUANTUM CHEM | 0.77 | 0.52 | 8.9 | 4 | 1.182 | 1992–1998 |
| 31 | 25 | J MOL STRUCT | 0.75 | 0.41 | 6.7 | 4 | 1.495 | 1991–2000 |
| 32 | 32 | Z PHYS CHEM | 0.71 | 0.38 | 6.3 | 4 | 1.132 | 1990–2000 |
| 33 | 9 | INT J HYDROGEN ENERG | 0.70 | 0.42 | 6.7 | 4 | 2.612 | 1975–2004 |
| 34 | 28 | THERMOCHIM ACTA | 0.70 | 0.38 | 6.0 | 4 | 1.417 | 1985–2001 |
| 35 | 33 | J MOL LIQ | 0.65 | 0.42 | 5.6 | 3 | 1.106 | 1982–2002 |
| 36 | 26 | APPL SURF SCI | 0.62 | 0.49 | 5.7 | 3 | 1.436 | 1996–1999 |
| 37 | 37 | RADIAT PHYS CHEM | 0.60 | 0.44 | 5.1 | 2 | 0.868 | 1992–2000 |
| 38 | 35 | Z NATURFORSCH A | 0.58 | 0.43 | 4.7 | 2 | 0.904 | 1991–2001 |
| 39 | 39 | REACT KINET CATAL L | 0.54 | 0.38 | 3.8 | 2 | 0.514 | 1982–2000 |
| 40 | 41 | HIGH ENERG CHEM+ | 0.16 | 0.45 | 1.3 | 0 | 0.418 | 1993–2002 |
| 41 | 40 | KINET CATAL+ | -0.12 | 0.48 | 0.8 | 0 | 0.482 | 1975–2004 |
| 42 | 42 | J STRUCT CHEM+ | -0.20 | 0.49 | 0.7 | 0 | 0.345 | 1974–2004 |

CLINICAL NEUROLOGY

ISI Category Description Clinical Neurology covers resources on all areas of clinical research and medical practice in neurology. The focus is on traditional neurological illnesses and diseases such as dementia, stroke, epilepsy, headache, multiple sclerosis, and movement disorders that have clinical and socio-economic importance. This category also includes resources on medical specialties such as pediatric neurology, neurosurgery, neuroradiology, pain management, and neuropsychiatry that affect neurological diagnosis and treatment.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ANN NEUROL | 1.77 | 0.38 | 83.5 | 55 | 8.051 | 1984–1993 |
| 2 | 2 | BRAIN | 1.78 | 0.40 | 82.8 | 55 | 7.617 | 1954–1996 |
| 3 | 4 | NEUROLOGY | 1.63 | 0.40 | 61.0 | 38 | 5.690 | 1974–1994 |
| 4 | 8 | PAIN | 1.57 | 0.35 | 52.5 | 34 | 4.836 | 1979–1996 |
| 5 | 5 | STROKE | 1.52 | 0.42 | 48.5 | 30 | 5.391 | 1976–1993 |
| 6 | 6 | ARCH NEUROL-CHICAGO | 1.52 | 0.42 | 45.7 | 29 | 5.204 | 1960–1996 |
| 7 | 24 | J NEUROSURG | 1.50 | 0.39 | 44.0 | 28 | 2.242 | 1974–1992 |
| 8 | 9 | J NEUROPATH EXP NEUR | 1.47 | 0.44 | 41.1 | 25 | 4.371 | 1956–1999 |
| 9 | 10 | J NEUROL NEUROSUR PS | 1.45 | 0.40 | 40.5 | 25 | 3.630 | 1954–1995 |
| 10 | 32 | J CLIN EXP NEUROPSYC | 1.42 | 0.36 | 37.2 | 23 | 1.590 | 1984–1993 |
| 11 | 12 | MOVEMENT DISORD | 1.38 | 0.38 | 34.6 | 22 | 3.323 | 1989–1994 |
| 12 | 13 | J AFFECT DISORDERS | 1.35 | 0.35 | 28.7 | 19 | 3.138 | 1982–1998 |
| 13 | 27 | J NERV MENT DIS | 1.35 | 0.39 | 32.0 | 19 | 1.957 | 1980–1995 |
| 14 | 22 | SPINE | 1.34 | 0.39 | 29.8 | 19 | 2.351 | 1978–1995 |
| 15 | 11 | EPILEPSIA | 1.34 | 0.41 | 29.3 | 19 | 3.526 | 1962–1998 |
| 16 | 19 | NEUROSURGERY | 1.33 | 0.42 | 27.8 | 18 | 2.692 | 1977–1997 |
| 17 | 7 | SLEEP | 1.30 | 0.37 | 26.8 | 17 | 5.126 | 1992–1999 |
| 18 | 18 | ACTA NEUROPATHOL | 1.29 | 0.39 | 27.6 | 17 | 2.694 | 1965–1996 |
| 19 | 21 | J NEUROL SCI | 1.25 | 0.38 | 25.2 | 15 | 2.412 | 1977–1994 |
| 20 | 26 | DEV MED CHILD NEUROL | 1.25 | 0.41 | 22.6 | 15 | 2.008 | 1976–1995 |
| 21 | 23 | AM J NEURORADIOL | 1.23 | 0.39 | 22.3 | 14 | 2.279 | 1979–2000 |
| 22 | 17 | HEADACHE | 1.22 | 0.32 | 20.3 | 14 | 2.740 | 1989–1995 |

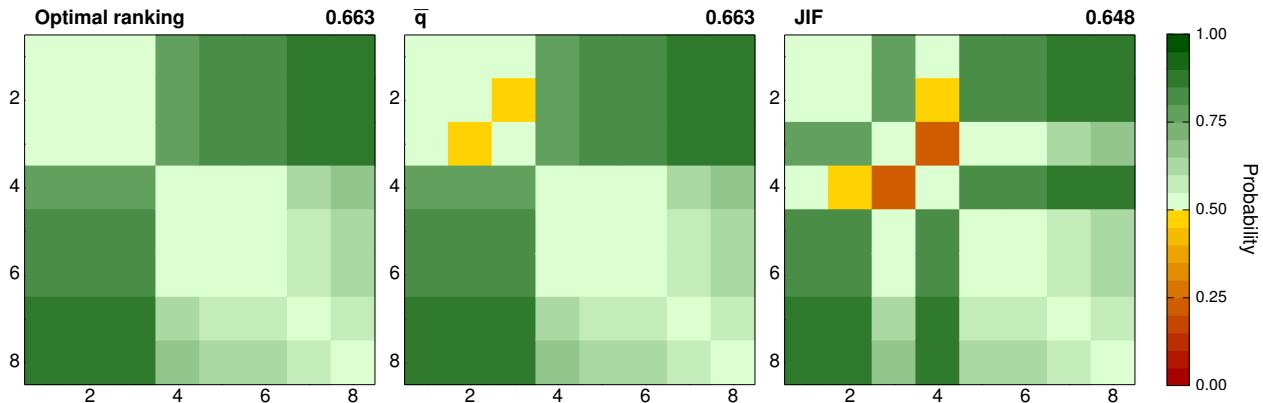
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 20 | J PAIN SYMPTOM MANAG | 1.18 | 0.42 | 19.5 | 13 | 2.437 | 1990–2000 |
| 24 | 15 | J NEUROL | 1.14 | 0.37 | 16.6 | 11 | 2.984 | 1974–2001 |
| 25 | 38 | CAN J NEUROL SCI | 1.12 | 0.41 | 18.0 | 11 | 1.180 | 1976–1997 |
| 26 | 25 | EPILEPSY RES | 1.14 | 0.60 | 19.5 | 11 | 2.088 | 1986–1999 |
| 27 | 16 | J NEURAL TRANSM | 1.10 | 0.40 | 16.7 | 10 | 2.938 | 1985–1998 |
| 28 | 14 | EUR ARCH PSY CLIN N | 1.09 | 0.39 | 15.9 | 10 | 3.042 | 1983–2001 |
| 29 | 3 | CEPHALALGIA | 1.13 | 0.55 | 18.3 | 11 | 6.049 | 1988–1997 |
| 30 | 28 | J NEURO-ONCOL | 1.08 | 0.36 | 14.0 | 10 | 1.848 | 1983–2000 |
| 31 | 30 | NEURORADIOLOGY | 1.08 | 0.41 | 15.8 | 10 | 1.625 | 1971–1994 |
| 32 | 33 | PEDIATR NEUROL | 1.06 | 0.34 | 12.7 | 9 | 1.542 | 1986–1997 |
| 33 | 29 | ACTA NEUROL SCAND | 1.02 | 0.50 | 14.7 | 8 | 1.833 | 1963–1995 |
| 34 | 40 | EUR NEUROL | 0.97 | 0.38 | 12.3 | 8 | 1.031 | 1967–1997 |
| 35 | 37 | ACTA NEUROCHIR | 0.98 | 0.48 | 11.8 | 8 | 1.212 | 1970–1995 |
| 36 | 35 | J CHILD NEUROL | 0.95 | 0.40 | 11.4 | 7 | 1.350 | 1985–2000 |
| 37 | 39 | SURG NEUROL | 0.97 | 0.41 | 10.0 | 7 | 1.057 | 1993–1998 |
| 38 | 31 | BRAIN DEV-JPN | 0.95 | 0.40 | 11.1 | 7 | 1.598 | 1980–1995 |
| 39 | 36 | CHILD NERV SYST | 0.86 | 0.38 | 7.6 | 6 | 1.257 | 1995–2000 |
| 40 | 34 | CLIN NEUROL NEUROSUR | 0.77 | 0.38 | 6.6 | 4 | 1.506 | 1977–1998 |
| 41 | 43 | NEUROCHIRURGIE | 0.66 | 0.39 | 5.2 | 3 | 0.386 | 1964–1999 |
| 42 | 41 | NERVENARZT | 0.63 | 0.38 | 5.0 | 3 | 0.711 | 1971–2001 |
| 43 | 42 | NERVENHEILKUNDE | -0.02 | 0.44 | 1.1 | 0 | 0.396 | 1982–2003 |
| 44 | 44 | ZH NEVROPATOL PSIKH | -0.20 | 0.39 | 0.4 | 0 | 0.129 | 1956–1995 |

COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

ISI Category Description Computer Science, Artificial Intelligence covers resources that focus on research and techniques to create machines that attempt to efficiently reason, problem-solve, use knowledge representation, and perform analysis of contradictory or ambiguous information. This category includes resources on artificial intelligence technologies such as expert systems, fuzzy systems, natural language processing, speech recognition, pattern recognition, computer vision, decision-support systems, knowledge bases, and neural networks.

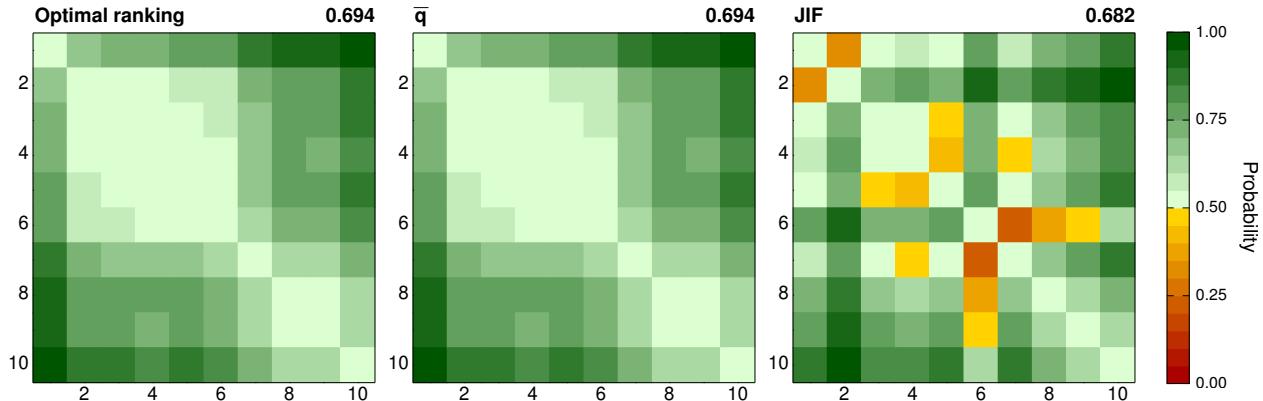


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | IEEE T PATTERN ANAL | 1.51 | 0.42 | 67.3 | 29 | 4.306 | 1982–1993 |
| 2 | 4 | ARTIF INTELL | 1.48 | 0.41 | 63.6 | 28 | 2.271 | 1969–1992 |
| 3 | 2 | IEEE T NEURAL NETWOR | 1.49 | 0.32 | 48.8 | 27 | 2.620 | 1990–1992 |
| 4 | 3 | CHEMOMETR INTELL LAB | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 |
| 5 | 5 | NEURAL NETWORKS | 0.93 | 0.39 | 11.5 | 6 | 2.000 | 1995–2002 |
| 6 | 6 | PATTERN RECOGN | 0.92 | 0.42 | 12.6 | 6 | 1.822 | 1967–1997 |
| 7 | 7 | IMAGE VISION COMPUT | 0.79 | 0.40 | 8.2 | 5 | 1.171 | 1984–2001 |
| 8 | 8 | PATTERN RECOGN LETT | 0.70 | 0.41 | 6.5 | 3 | 0.952 | 1983–1999 |

COMPUTER SCIENCE, HARDWARE & ARCHITECTURE

ISI Category Description Computer Science, Hardware & Architecture covers resources on the physical components of a computer system: main and logic boards, internal buses and interfaces, static and dynamic memory, storage devices and storage media, power supplies, input and output devices, networking interfaces, and networking hardware such as routers and bridges. Resources in this category also cover the architecture of computing devices, such as SPARC, RISC, and CISC designs, as well as scalable, parallel, and multi-processor computing architectures.

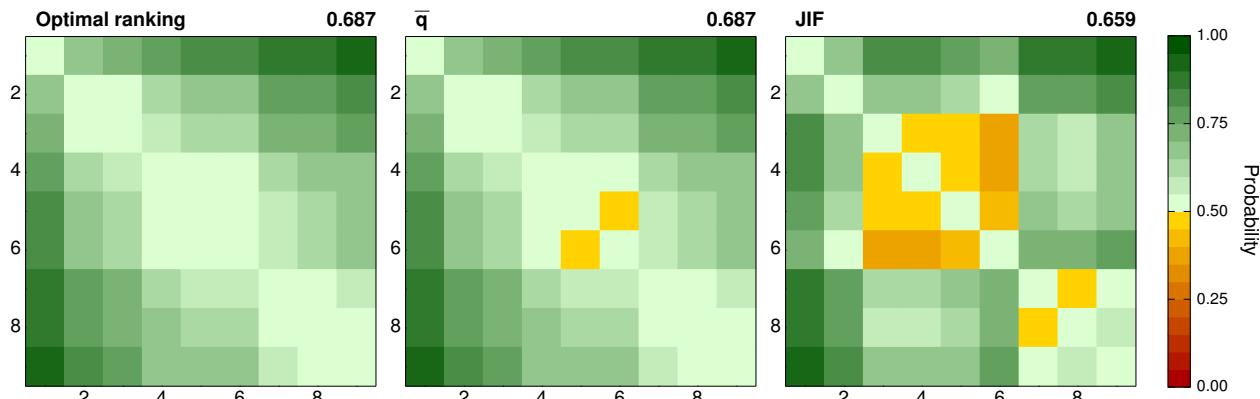


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | q-bar | | \bar{q} | σ | | | | |
| 1 | 2 | IEEE T NEURAL NETWOR | | 1.49 | 0.32 | 48.8 | 27 | 2.620 | 1990–1992 |
| 2 | 1 | J ACM | | 1.15 | 0.49 | 30.0 | 12 | 2.917 | 1957–2002 |
| 3 | 5 | IEEE T COMPUT | | 1.09 | 0.46 | 23.1 | 10 | 1.426 | 1971–1991 |
| 4 | 3 | COMMUN ACM | | 1.05 | 0.51 | 28.2 | 9 | 1.509 | 1968–1997 |
| 5 | 7 | IEEE T COMPUT AID D | | 1.02 | 0.42 | 14.7 | 8 | 0.838 | 1983–1989 |
| 6 | 4 | IBM J RES DEV | | 0.97 | 0.47 | 20.0 | 7 | 1.483 | 1956–2001 |
| 7 | 8 | IEEE T RELIAB | | 0.70 | 0.47 | 7.1 | 3 | 0.800 | 1963–1995 |
| 8 | 9 | COMPUT J | | 0.47 | 0.46 | 5.3 | 2 | 0.593 | 1972–2003 |
| 9 | 6 | COMPUTER | | 0.47 | 0.62 | 5.2 | 2 | 1.289 | 1995–2001 |
| 10 | 10 | IEICE T FUND ELECTR | | 0.18 | 0.42 | 1.7 | 1 | 0.312 | 1991–2002 |

COMPUTER SCIENCE, INFORMATION SYSTEMS

ISI Category Description Computer Science, Information Systems covers resources that focus on the acquisition, processing, storage, management, and dissemination of electronic information that can be read by humans, machines, or both. This category also includes resources for telecommunications systems and discipline-specific subjects such as medical informatics, chemical information processing systems, geographical information systems, and some library science.

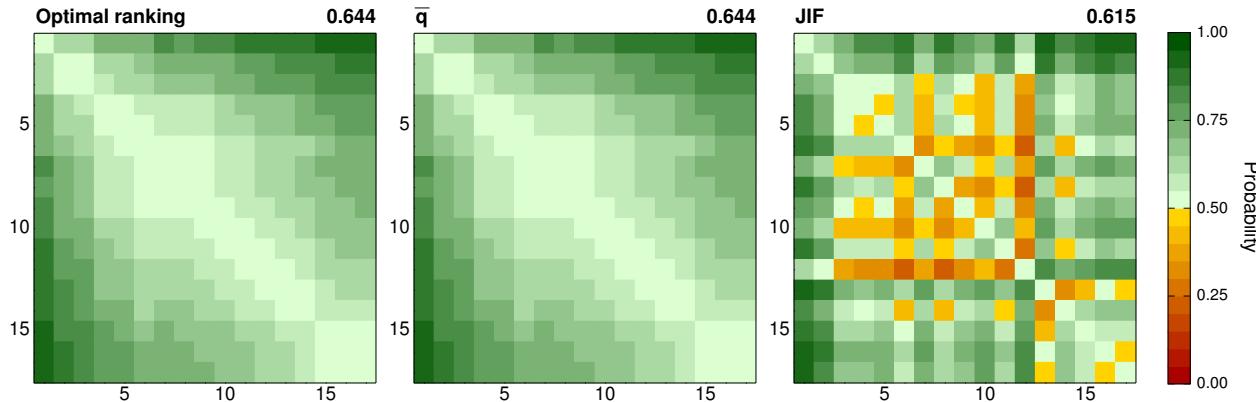


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | J ACM | | 1.15 | 0.49 | 30.0 | 12 | 2.917 | 1957–2002 |
| 2 | 2 | IEEE T INFORM THEORY | | 0.74 | 0.44 | 10.0 | 4 | 1.938 | 2000–2003 |
| 3 | 6 | INFORM PROCESS LETT | | 0.67 | 0.48 | 7.2 | 3 | 0.532 | 1976–1993 |
| 4 | 5 | COMPUT J | | 0.47 | 0.46 | 5.3 | 2 | 0.593 | 1972–2003 |
| 5 | 4 | INFORM SOFTWARE TECH | | 0.37 | 0.40 | 2.6 | 1 | 0.726 | 1986–2002 |
| 6 | 3 | INFORM SCIENCES | | 0.37 | 0.45 | 3.3 | 1 | 1.003 | 1988–2002 |
| 7 | 8 | IEICE T FUND ELECTR | | 0.18 | 0.42 | 1.7 | 1 | 0.312 | 1991–2002 |
| 8 | 7 | COMPUT COMMUN | | 0.09 | 0.46 | 1.5 | 0 | 0.444 | 1990–2006 |
| 9 | 9 | IEICE T INF SYST | | 0.04 | 0.44 | 1.1 | 0 | 0.280 | 1991–2001 |

COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS

ISI Category Description Computer Science, Interdisciplinary Applications includes resources concerned with the application of computer technology and methodology to other disciplines, such as information management, engineering, biology, medicine, environmental studies, geosciences, arts and humanities, agriculture, chemistry, and physics.

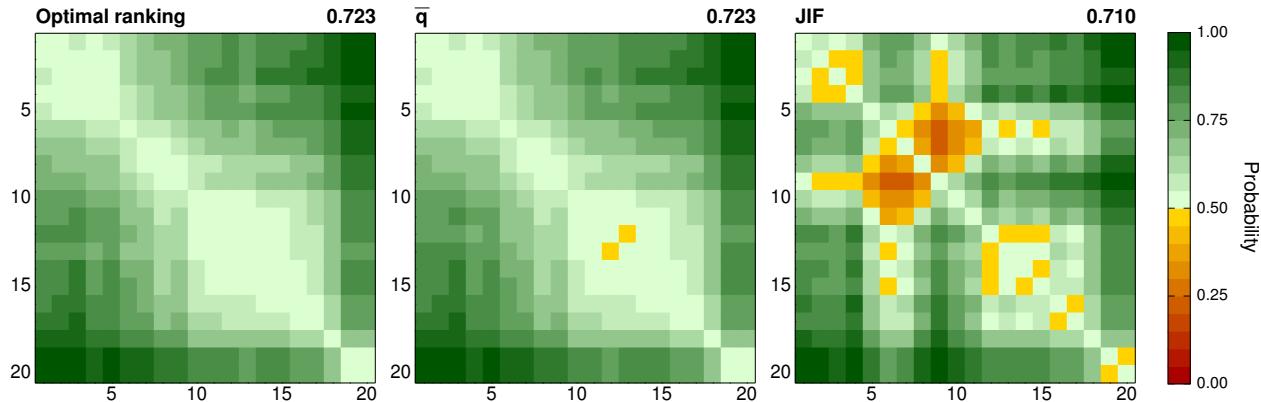


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | q̄ | | \bar{q} | σ | | | | |
| 1 | 1 | IEEE T MED IMAGING | 1.25 | 0.40 | 27.5 | 15 | 3.757 | 1985–1999 | |
| 2 | 2 | J COMPUT PHYS | 1.08 | 0.41 | 19.6 | 10 | 2.328 | 1994–1999 | |
| 3 | 12 | IEEE T COMPUT AID D | 1.02 | 0.42 | 14.7 | 8 | 0.838 | 1983–1989 | |
| 4 | 10 | INT J NUMER METH FL | 0.85 | 0.43 | 11.5 | 5 | 0.870 | 1980–1998 | |
| 5 | 7 | MED BIOL ENG COMPUT | 0.82 | 0.42 | 9.2 | 5 | 1.018 | 1976–1999 | |
| 6 | 3 | COMPUT PHYS COMMUN | 0.75 | 0.52 | 17.4 | 4 | 1.595 | 1970–2000 | |
| 7 | 5 | SCIENTOMETRICS | 0.72 | 0.39 | 6.2 | 4 | 1.363 | 1989–2002 | |
| 8 | 9 | COMPUT OPER RES | 0.72 | 0.42 | 7.1 | 3 | 0.893 | 1975–2000 | |
| 9 | 4 | COMPUT CHEM ENG | 0.68 | 0.43 | 6.2 | 3 | 1.404 | 1994–2002 | |
| 10 | 14 | COMPUT METH PROG BIO | 0.61 | 0.40 | 6.4 | 3 | 0.624 | 1984–2002 | |
| 11 | 11 | COMPUT STRUCT | 0.56 | 0.39 | 4.5 | 2 | 0.846 | 1990–2002 | |
| 12 | 8 | COMPUT STAT DATA AN | 0.51 | 0.41 | 4.3 | 2 | 0.928 | 1982–2003 | |
| 13 | 6 | COMPUT IND | 0.48 | 0.42 | 3.7 | 2 | 1.141 | 1982–2003 | |
| 14 | 15 | COMPUT MATH APPL | 0.42 | 0.45 | 3.7 | 1 | 0.611 | 1979–2002 | |
| 15 | 17 | MATH COMPUT MODEL | 0.31 | 0.47 | 2.9 | 1 | 0.432 | 1987–2002 | |
| 16 | 13 | COMPUT IND ENG | 0.28 | 0.47 | 2.5 | 1 | 0.650 | 1975–2002 | |
| 17 | 16 | MATH COMPUT SIMULAT | 0.26 | 0.44 | 2.3 | 1 | 0.534 | 1981–2003 | |

COMPUTER SCIENCE, SOFTWARE ENGINEERING

ISI Category Description Computer Science, Software Engineering includes resources that are concerned with the programs, routines, and symbolic languages that control the functioning of the hardware and direct its operation. Also covered in this category are computer graphics, digital signal processing, and programming languages.

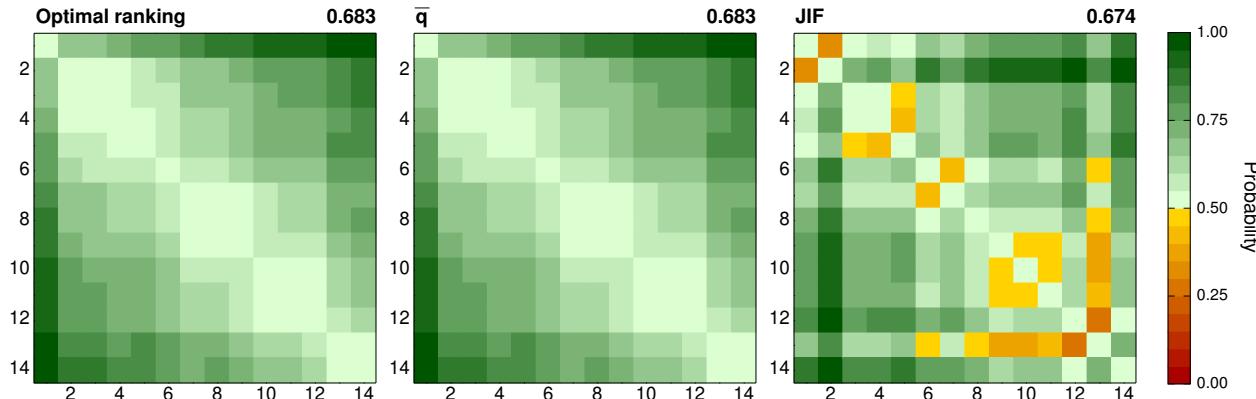


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J ACM | 1.15 | 0.49 | 30.0 | 12 | 2.917 | 1957–2002 |
| 2 | 9 | MATH PROGRAM | 1.11 | 0.43 | 18.6 | 10 | 1.117 | 1976–1998 |
| 3 | 4 | COMPUT AIDED DESIGN | 1.07 | 0.29 | 12.1 | 10 | 1.446 | 1997–1999 |
| 4 | 3 | COMMUN ACM | 1.05 | 0.51 | 28.2 | 9 | 1.509 | 1968–1997 |
| 5 | 2 | IEEE T SOFTWARE ENG | 1.03 | 0.44 | 17.2 | 8 | 2.132 | 1976–1999 |
| 6 | 10 | ALGORITHMICA | 0.90 | 0.46 | 12.1 | 6 | 0.850 | 1988–1997 |
| 7 | 8 | IMAGE VISION COMPUT | 0.79 | 0.40 | 8.2 | 5 | 1.171 | 1984–2001 |
| 8 | 5 | IEEE COMPUT GRAPH | 0.72 | 0.54 | 9.5 | 3 | 1.429 | 1981–1999 |
| 9 | 11 | IEEE T RELIAB | 0.70 | 0.47 | 7.1 | 3 | 0.800 | 1963–1995 |
| 10 | 7 | IEEE SOFTWARE | 0.55 | 0.60 | 6.2 | 2 | 1.252 | 1985–1997 |
| 11 | 13 | COMPUT J | 0.47 | 0.46 | 5.3 | 2 | 0.593 | 1972–2003 |
| 12 | 15 | SOFTWARE PRACT EXPER | 0.44 | 0.44 | 4.5 | 2 | 0.543 | 1976–2002 |
| 13 | 6 | COMPUTER | 0.47 | 0.62 | 5.2 | 2 | 1.289 | 1995–2001 |
| 14 | 14 | J SYST SOFTWARE | 0.38 | 0.43 | 2.9 | 1 | 0.592 | 1983–2003 |
| 15 | 12 | INFORM SOFTWARE TECH | 0.37 | 0.40 | 2.6 | 1 | 0.726 | 1986–2002 |
| 16 | 17 | MATH COMPUT MODEL | 0.31 | 0.47 | 2.9 | 1 | 0.432 | 1987–2002 |
| 17 | 16 | MATH COMPUT SIMULAT | 0.26 | 0.44 | 2.3 | 1 | 0.534 | 1981–2003 |
| 18 | 18 | IEICE T INF SYST | 0.04 | 0.44 | 1.1 | 0 | 0.280 | 1991–2001 |
| 19 | 20 | COMPUT GRAPH WORLD | -0.45 | 0.35 | 0.1 | 0 | 0.008 | 1981–2002 |
| 20 | 19 | DR DOBBS J | -0.63 | 0.47 | 0.2 | 0 | 0.039 | 1981–2004 |

COMPUTER SCIENCE, THEORY & METHODS

ISI Category Description Computer Science, Theory & Methods includes resources that emphasize experimental computer processing methods or programming techniques such as parallel computing, distributed computing, logic programming, object-oriented programming, high-speed computing, and supercomputing.

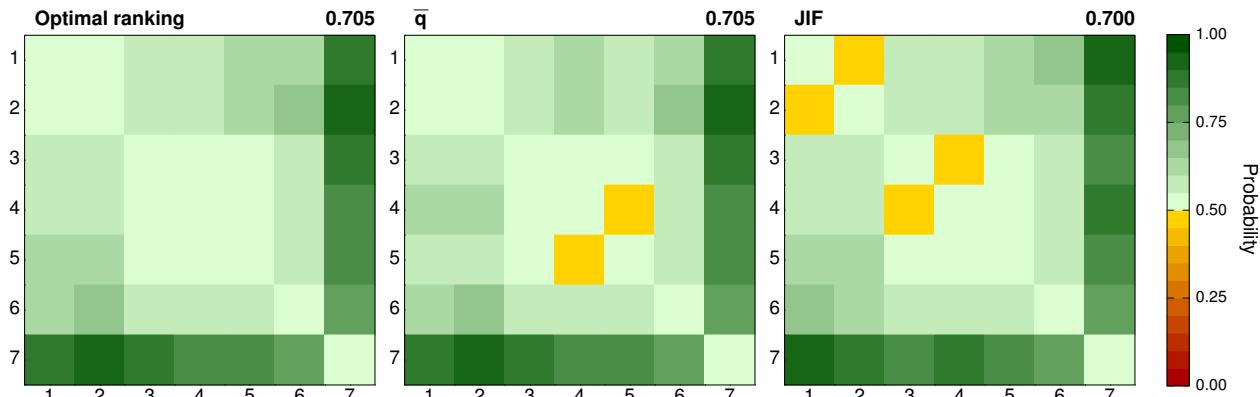


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | IEEE T NEURAL NETWOR | 1.49 | 0.32 | 48.8 | 27 | 2.620 | 1990–1992 | |
| 2 | 1 | J ACM | 1.15 | 0.49 | 30.0 | 12 | 2.917 | 1957–2002 | |
| 3 | 5 | FUZZY SET SYST | 1.11 | 0.45 | 23.4 | 11 | 1.181 | 1980–1987 | |
| 4 | 3 | COMMUN ACM | 1.05 | 0.51 | 28.2 | 9 | 1.509 | 1968–1997 | |
| 5 | 4 | SIAM J COMPUT | 1.02 | 0.40 | 16.1 | 8 | 1.361 | 1989–1997 | |
| 6 | 7 | INFORM COMPUT | 0.94 | 0.46 | 15.7 | 6 | 1.107 | 1983–1996 | |
| 7 | 13 | J PARALLEL DISTR COM | 0.80 | 0.43 | 10.4 | 5 | 0.430 | 1984–1992 | |
| 8 | 6 | IMAGE VISION COMPUT | 0.79 | 0.40 | 8.2 | 5 | 1.171 | 1984–2001 | |
| 9 | 8 | THEOR COMPUT SCI | 0.73 | 0.45 | 8.4 | 4 | 0.843 | 1988–1996 | |
| 10 | 11 | COMPUT METH PROG BIO | 0.61 | 0.40 | 6.4 | 3 | 0.624 | 1984–2002 | |
| 11 | 10 | J SYMB COMPUT | 0.61 | 0.41 | 5.0 | 3 | 0.641 | 1994–2002 | |
| 12 | 9 | PARALLEL COMPUT | 0.57 | 0.42 | 5.0 | 2 | 0.685 | 1989–2001 | |
| 13 | 12 | J SYST SOFTWARE | 0.38 | 0.43 | 2.9 | 1 | 0.592 | 1983–2003 | |
| 14 | 14 | INT J SYST SCI | 0.28 | 0.43 | 2.3 | 1 | 0.343 | 1986–2001 | |

CONSTRUCTION & BUILDING TECHNOLOGY

ISI Category Description Construction & Building Technology includes resources that provide information on the physical features and design of structures (e.g., buildings, dams, bridges, tunnels) and the materials used to construct them (concrete, cement, steel). Other topics covered in this category include heating and air conditioning, energy systems, and indoor air quality.

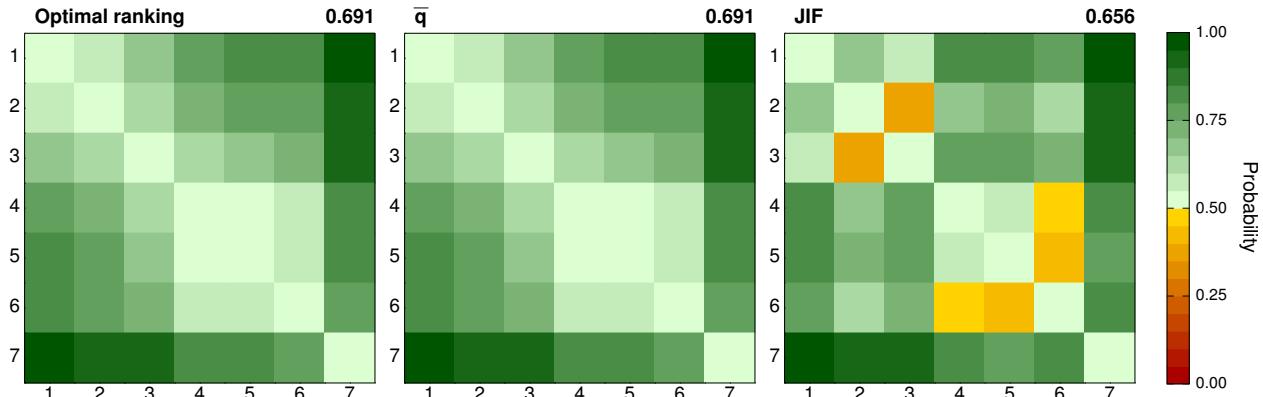


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ACI MATER J | 0.87 | 0.44 | 8.8 | 6 | 0.764 | 1986–1998 |
| 2 | 1 | CEMENT CONCRETE RES | 0.84 | 0.34 | 7.3 | 5 | 1.185 | 1996–2000 |
| 3 | 4 | J STRUCT ENG-ASCE | 0.73 | 0.41 | 6.9 | 4 | 0.635 | 1982–2000 |
| 4 | 3 | ACI STRUCT J | 0.69 | 0.43 | 6.7 | 4 | 0.657 | 1986–1999 |
| 5 | 5 | J CONSTR ENG M ASCE | 0.71 | 0.43 | 5.3 | 3 | 0.471 | 1989–1999 |
| 6 | 6 | MATER STRUCT | 0.57 | 0.47 | 5.7 | 2 | 0.459 | 1990–1996 |
| 7 | 7 | ASHRAE J | -0.21 | 0.46 | 0.6 | 0 | 0.297 | 1971–2004 |

CRITICAL CARE MEDICINE

ISI Category Description Critical Care Medicine covers resources on healthcare specialties that focus on the care of patients with acute, life-threatening illness or injury. This category covers resources such as heart attack; poisoning; burns, pneumonia; surgical complications; premature birth; trauma including head trauma; stroke, and other neural injuries; intensive care anesthesia; and resuscitation.

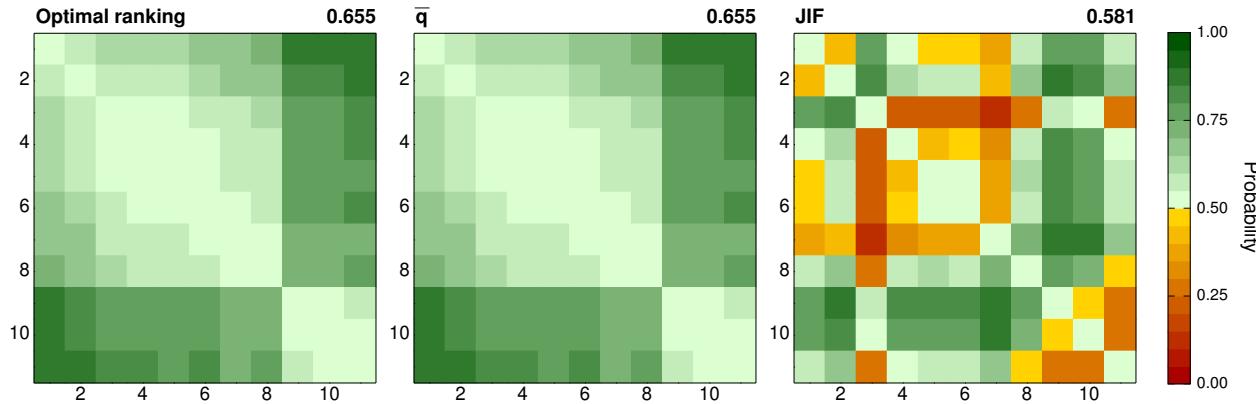


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | CRIT CARE MED | | 1.35 | 0.37 | 30.4 | 19 | 6.599 | 1996–1998 |
| 2 | 3 | J TRAUMA | | 1.27 | 0.41 | 25.6 | 16 | 2.035 | 1989–1993 |
| 3 | 2 | INTENS CARE MED | | 1.05 | 0.38 | 15.2 | 9 | 4.406 | 1976–2002 |
| 4 | 6 | ANAESTH INTENS CARE | | 0.87 | 0.43 | 9.9 | 5 | 0.945 | 1977–1996 |
| 5 | 4 | BURNS | | 0.82 | 0.37 | 7.5 | 5 | 1.139 | 1988–2001 |
| 6 | 5 | INJURY | | 0.72 | 0.43 | 6.5 | 4 | 1.067 | 1973–1996 |
| 7 | 7 | ANASTH INTENSIVMED | | 0.10 | 0.49 | 1.4 | 0 | 0.567 | 1996–2003 |

CRYSTALLOGRAPHY

ISI Category Description Crystallography covers resources that report on the study of the formation, structure, and properties of crystals. This category also includes resources on X-ray crystallography, the study of the internal structure of crystals through the use of X-ray diffraction.

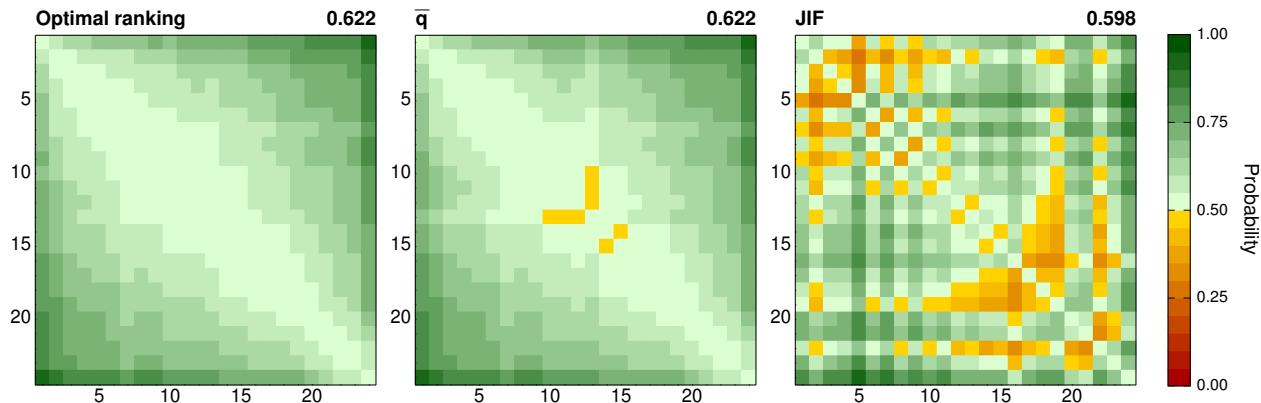


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 7 | LIQ CRYST | 1.21 | 0.42 | 24.8 | 18 | 1.417 | 1985–1987 | |
| 2 | 2 | ACTA CRYSTALLOGR B | 1.19 | 0.36 | 22.6 | 13 | 2.172 | 1975–1993 | |
| 3 | 5 | J CRYST GROWTH | 1.11 | 0.42 | 19.0 | 11 | 1.809 | 1970–1989 | |
| 4 | 6 | ACTA CRYSTALLOGR A | 1.10 | 0.46 | 41.7 | 9 | 1.676 | 1978–1996 | |
| 5 | 1 | J APPL CRYSTALLOGR | 1.06 | 0.46 | 32.4 | 9 | 2.495 | 1967–1993 | |
| 6 | 4 | POLYHEDRON | 1.00 | 0.33 | 11.2 | 8 | 1.843 | 1990–1997 | |
| 7 | 11 | MOL CRYST LIQ CRYST | 0.94 | 0.44 | 13.3 | 7 | 0.478 | 1974–1989 | |
| 8 | 8 | ACTA CRYSTALLOGR C | 0.92 | 0.34 | 9.9 | 6 | 0.896 | 1982–1984 | |
| 9 | 3 | Z KRISTALLOGR | 0.55 | 0.40 | 4.2 | 2 | 1.897 | 1993–2004 | |
| 10 | 10 | PHASE TRANSIT | 0.51 | 0.46 | 4.8 | 2 | 0.830 | 1986–2005 | |
| 11 | 9 | CRYST RES TECHNOL | 0.45 | 0.40 | 3.1 | 2 | 0.863 | 1985–2003 | |

DENTISTRY, ORAL SURGERY & MEDICINE

ISI Category Description Dentistry, Oral Surgery & Medicine covers resources on the anatomy, physiology, biochemistry, and pathology of the teeth and oral cavity. This category includes specific resources on periodontal disease, dental implants, oral and maxillofacial surgery, oral pathology, and oral surgery. Coverage also includes resources on community dentistry, public health dentistry, and pediatric dentistry.

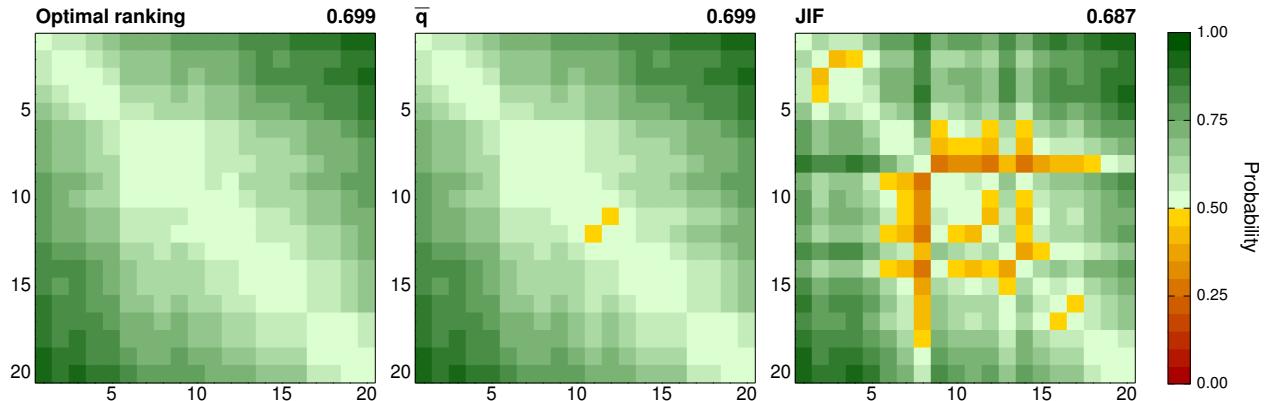


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 5 | J CLIN PERIODONTOL | 1.40 | 0.39 | 42.1 | 22 | 2.380 | 1973–1988 |
| 2 | 7 | ORAL MICROBIOL IMMUN | 1.28 | 0.32 | 21.6 | 16 | 2.089 | 1987–1993 |
| 3 | 9 | J PERIODONTOL | 1.24 | 0.42 | 25.2 | 14 | 1.703 | 1980–1990 |
| 4 | 1 | J DENT RES | 1.20 | 0.40 | 21.6 | 13 | 3.475 | 1980–2000 |
| 5 | 4 | DENT MATER | 1.18 | 0.37 | 19.1 | 12 | 2.381 | 1987–2001 |
| 6 | 3 | J PERIODONTAL RES | 1.15 | 0.35 | 17.3 | 12 | 2.472 | 1991–1999 |
| 7 | 19 | AM J ORTHOD DENTOFAC | 1.15 | 0.48 | 18.5 | 11 | 0.968 | 1963–1990 |
| 8 | 11 | J ORAL PATHOL MED | 1.12 | 0.36 | 16.6 | 11 | 1.530 | 1972–1995 |
| 9 | 6 | CARIES RES | 1.11 | 0.34 | 14.0 | 10 | 2.304 | 1993–1999 |
| 10 | 22 | CLEFT PALATE-CRAN J | 1.03 | 0.37 | 16.3 | 9 | 0.724 | 1990–1992 |
| 11 | 8 | COMMUNITY DENT ORAL | 1.06 | 0.35 | 13.3 | 9 | 1.870 | 1975–1999 |
| 12 | 10 | ARCH ORAL BIOL | 1.05 | 0.34 | 13.2 | 9 | 1.655 | 1987–1996 |
| 13 | 18 | ACTA ODONTOL SCAND | 1.04 | 0.39 | 15.2 | 9 | 1.017 | 1967–1994 |
| 14 | 13 | ORAL SURG ORAL MED O | 1.01 | 0.41 | 13.5 | 8 | 1.221 | 1970–1995 |
| 15 | 2 | J ENDODONT | 1.01 | 0.42 | 13.5 | 8 | 3.077 | 1981–1995 |
| 16 | 12 | J ORAL MAXIL SURG | 0.98 | 0.40 | 12.7 | 7 | 1.252 | 1981–1996 |
| 17 | 17 | J ORAL REHABIL | 0.97 | 0.38 | 11.4 | 7 | 1.044 | 1973–1995 |
| 18 | 15 | J CRANIO MAXILL SURG | 0.95 | 0.37 | 9.8 | 7 | 1.171 | 1986–2000 |
| 19 | 14 | INT J ORAL MAX SURG | 0.90 | 0.36 | 9.7 | 6 | 1.212 | 1985–1999 |
| 20 | 23 | BRIT J ORAL MAX SURG | 0.87 | 0.38 | 8.6 | 6 | 0.654 | 1983–1998 |
| 21 | 20 | J PROSTHET DENT | 0.82 | 0.46 | 9.7 | 5 | 0.879 | 1960–1999 |
| 22 | 16 | J AM DENT ASSOC | 0.76 | 0.60 | 10.5 | 4 | 1.162 | 1963–1997 |
| 23 | 21 | BRIT DENT J | 0.72 | 0.55 | 8.4 | 3 | 0.848 | 1970–1997 |
| 24 | 24 | AUST DENT J | 0.56 | 0.41 | 4.2 | 2 | 0.568 | 1978–2000 |

DERMATOLOGY

ISI Category Description Dermatology covers resources on the anatomy, physiology, and pathology of the skin. It contains resources on investigative and experimental dermatology, contact dermatitis, dermatologic surgery, dermatologic pathology, and dermatologic oncology. This category also includes specific resources on burns, wounds and leprosy.

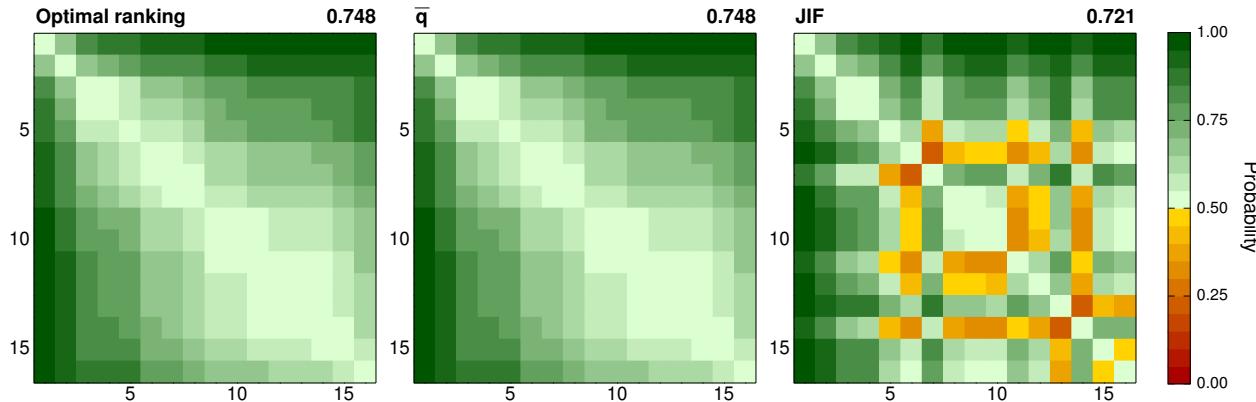


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|------|----------------------|---------------|----------|------|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 1 | 1 | J INVEST DERMATOL | 1.43 | 0.38 | 35.7 | 23 | 4.535 | 1974–1992 |
| 2 | 3 | ARCH DERMATOL | 1.35 | 0.41 | 27.7 | 20 | 2.851 | 1967–1995 |
| 3 | 4 | J AM ACAD DERMATOL | 1.32 | 0.36 | 25.5 | 18 | 2.553 | 1978–1995 |
| 4 | 2 | BRIT J DERMATOL | 1.25 | 0.40 | 22.8 | 15 | 3.334 | 1967–1995 |
| 5 | 5 | CONTACT DERMATITIS | 1.20 | 0.35 | 18.6 | 13 | 2.446 | 1975–1995 |
| 6 | 9 | J CUTAN PATHOL | 1.08 | 0.36 | 13.6 | 10 | 1.582 | 1973–1998 |
| 7 | 14 | AM J DERMATOPATH | 1.08 | 0.44 | 13.5 | 10 | 1.100 | 1986–1995 |
| 8 | 12 | DERMATOL CLIN | 1.04 | 0.40 | 13.7 | 9 | 1.179 | 1992–1997 |
| 9 | 6 | DERMATOLOGY | 1.04 | 0.35 | 12.5 | 9 | 1.854 | 1991–1995 |
| 10 | 10 | ARCH DERMATOL RES | 1.02 | 0.38 | 13.1 | 8 | 1.333 | 1976–2000 |
| 11 | 11 | CLIN EXP DERMATOL | 0.95 | 0.37 | 10.8 | 7 | 1.295 | 1977–1995 |
| 12 | 7 | ACTA DERM-VENEREOL | 0.97 | 0.52 | 12.4 | 7 | 1.837 | 1960–1995 |
| 13 | 15 | PEDIATR DERMATOL | 0.89 | 0.37 | 8.7 | 6 | 1.014 | 1987–1998 |
| 14 | 13 | BURNS | 0.82 | 0.37 | 7.5 | 5 | 1.139 | 1988–2001 |
| 15 | 17 | MYCOSES | 0.81 | 0.36 | 8.0 | 5 | 0.959 | 1983–1999 |
| 16 | 16 | INT J DERMATOL | 0.80 | 0.40 | 7.3 | 5 | 0.998 | 1973–2000 |
| 17 | 18 | CUTIS | 0.71 | 0.43 | 5.9 | 4 | 0.920 | 1974–1996 |
| 18 | 8 | CLIN DERMATOL | 0.69 | 0.41 | 5.9 | 3 | 1.600 | 1986–1999 |
| 19 | 19 | HAUTARZT | 0.61 | 0.39 | 4.6 | 3 | 0.498 | 1968–1999 |
| 20 | 20 | ANN DERMATOL VENER | 0.53 | 0.41 | 3.7 | 2 | 0.495 | 1983–1999 |

DEVELOPMENTAL BIOLOGY

ISI Category Description Developmental Biology includes resources focused on the specific mechanisms of cell, tissue, and organism development, as well as gametogenesis, fertilization, biochemistry and molecular genetic control of development, cell biology of gametes and zygotes, and embryology.

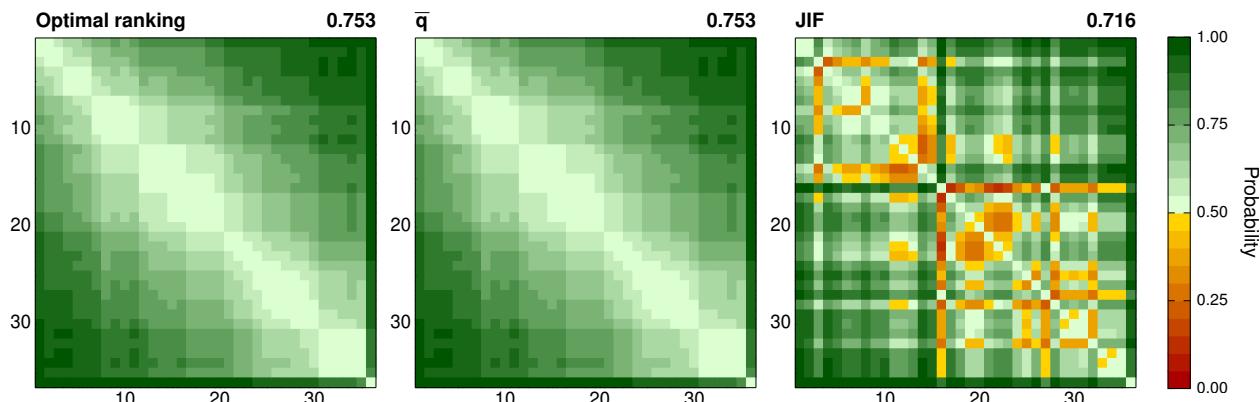


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|-----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | GENE DEV | 2.04 | 0.30 | 143.5 | 106 | 15.050 | 1988–1996 |
| 2 | 2 | DEVELOPMENT | 1.83 | 0.40 | 87.2 | 61 | 7.764 | 1990–1996 |
| 3 | 3 | DEV BIOL | 1.57 | 0.36 | 49.9 | 33 | 4.893 | 1958–1997 |
| 4 | 4 | MECH DEVELOP | 1.52 | 0.34 | 43.1 | 30 | 3.836 | 1989–1997 |
| 5 | 7 | DEV DYNAM | 1.45 | 0.32 | 37.0 | 26 | 3.169 | 1991–1997 |
| 6 | 14 | DEV BRAIN RES | 1.34 | 0.35 | 27.2 | 19 | 1.598 | 1982–1993 |
| 7 | 11 | MOL REPROD DEV | 1.34 | 0.37 | 26.9 | 18 | 2.379 | 1989–1995 |
| 8 | 5 | DIFFERENTIATION | 1.26 | 0.39 | 26.0 | 15 | 3.745 | 1973–1999 |
| 9 | 12 | DEV PSYCHOBIOL | 1.17 | 0.37 | 18.6 | 12 | 1.946 | 1971–1997 |
| 10 | 8 | PLACENTA | 1.15 | 0.37 | 17.9 | 11 | 2.969 | 1980–2000 |
| 11 | 9 | INT J DEV NEUROSCI | 1.10 | 0.36 | 15.4 | 10 | 2.924 | 1983–2000 |
| 12 | 10 | REPROD FERT DEVELOP | 1.07 | 0.37 | 14.5 | 10 | 2.541 | 1988–1998 |
| 13 | 6 | INT J DEV BIOL | 1.06 | 0.41 | 14.9 | 10 | 3.577 | 1991–1998 |
| 14 | 16 | ANAT EMBRYOL | 1.04 | 0.35 | 13.9 | 9 | 1.277 | 1993–1999 |
| 15 | 15 | DEV GROWTH DIFFER | 0.98 | 0.39 | 12.0 | 7 | 1.545 | 1968–2000 |
| 16 | 13 | REPROD NUTR DEV | 0.87 | 0.40 | 9.1 | 6 | 1.817 | 1979–2000 |

ECOLOGY

ISI Category Description Ecology covers resources concerning many areas relating to the study of the interrelationship of organisms and their environments, including ecological economics, ecological engineering, ecotoxicology, ecological modeling, evolutionary ecology, biogeography, chemical ecology, marine ecology, wildlife research, microbial ecology, molecular ecology, and population ecology. This category also includes general ecology resources and ones devoted to particular ecological systems.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ECOLOGY | 1.75 | 0.33 | 71.1 | 52 | 4.782 | 1974–1994 |
| 2 | 2 | AM NAT | 1.72 | 0.40 | 80.4 | 48 | 4.660 | 1967–1992 |
| 3 | 4 | EVOLUTION | 1.67 | 0.35 | 69.8 | 43 | 4.292 | 1973–1993 |
| 4 | 14 | BEHAV ECOL SOCIOBIOL | 1.60 | 0.31 | 44.4 | 36 | 2.316 | 1978–1990 |
| 5 | 8 | J ANIM ECOL | 1.57 | 0.34 | 47.5 | 33 | 3.390 | 1954–1996 |
| 6 | 5 | J ECOL | 1.55 | 0.35 | 45.1 | 32 | 4.239 | 1973–1996 |
| 7 | 15 | MAR ECOL-PROG SER | 1.47 | 0.31 | 33.6 | 26 | 2.286 | 1991–1995 |
| 8 | 6 | CONSERV BIOL | 1.42 | 0.42 | 37.5 | 23 | 3.762 | 1988–1998 |
| 9 | 7 | FUNCT ECOL | 1.42 | 0.32 | 29.6 | 23 | 3.417 | 1989–1996 |
| 10 | 9 | OIKOS | 1.41 | 0.35 | 34.2 | 22 | 3.381 | 1974–1995 |
| 11 | 10 | OECOLOGIA | 1.40 | 0.29 | 27.5 | 22 | 3.333 | 1994–1997 |
| 12 | 17 | J EXP MAR BIOL ECOL | 1.31 | 0.30 | 23.5 | 18 | 1.919 | 1988–1995 |
| 13 | 3 | J APPL ECOL | 1.31 | 0.36 | 25.6 | 17 | 4.527 | 1965–2000 |
| 14 | 23 | BIOTROPICA | 1.30 | 0.38 | 25.5 | 17 | 1.391 | 1975–1994 |
| 15 | 13 | J VEG SCI | 1.28 | 0.36 | 22.4 | 16 | 2.382 | 1989–1999 |
| 16 | 22 | POLAR BIOL | 1.27 | 0.33 | 20.8 | 16 | 1.502 | 1981–1994 |
| 17 | 28 | ENVIRON BIOL FISH | 1.24 | 0.42 | 21.0 | 15 | 0.934 | 1981–1990 |
| 18 | 12 | BIOL CONSERV | 1.21 | 0.38 | 22.1 | 14 | 2.854 | 1988–1996 |
| 19 | 11 | J BIOGEOGR | 1.21 | 0.36 | 20.4 | 13 | 2.878 | 1976–1998 |
| 20 | 21 | J WILDLIFE MANAGE | 1.19 | 0.34 | 18.3 | 13 | 1.538 | 1984–1995 |
| 21 | 18 | J CHEM ECOL | 1.11 | 0.31 | 14.4 | 10 | 1.896 | 1995–1998 |
| 22 | 32 | AM MIDL NAT | 1.07 | 0.36 | 14.5 | 9 | 0.667 | 1964–1995 |

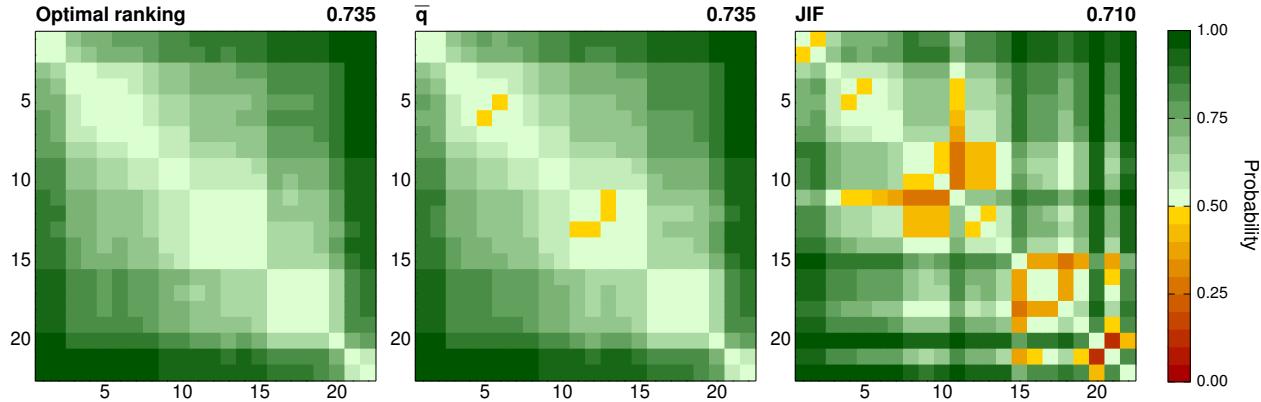
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 26 | WILDLIFE RES | 1.05 | 0.32 | 11.6 | 9 | 1.032 | 1990–1997 |
| 24 | 24 | PEDOBIOLOGIA | 0.99 | 0.41 | 12.8 | 8 | 1.347 | 1965–1997 |
| 25 | 20 | AGR ECOSYST ENVIRON | 0.97 | 0.44 | 11.4 | 7 | 1.832 | 1982–2001 |
| 26 | 19 | ECOL MODEL | 0.91 | 0.40 | 11.3 | 6 | 1.888 | 1977–1998 |
| 27 | 30 | J RANGE MANAGE | 0.90 | 0.37 | 9.9 | 6 | 0.859 | 1966–1995 |
| 28 | 29 | BIOCHEM SYST ECOL | 0.89 | 0.36 | 9.2 | 6 | 0.906 | 1980–1994 |
| 29 | 31 | WILDLIFE SOC B | 0.87 | 0.40 | 8.7 | 6 | 0.843 | 1983–1998 |
| 30 | 25 | J ARID ENVIRON | 0.83 | 0.38 | 7.8 | 5 | 1.238 | 1989–2000 |
| 31 | 34 | SOUTHWEST NAT | 0.72 | 0.38 | 5.9 | 4 | 0.309 | 1980–1994 |
| 32 | 33 | J NAT HIST | 0.72 | 0.38 | 6.4 | 4 | 0.631 | 1966–2000 |
| 33 | 35 | CAN FIELD NAT | 0.69 | 0.40 | 5.8 | 3 | 0.073 | 1983–1993 |
| 34 | 16 | LANDSCAPE URBAN PLAN | 0.67 | 0.41 | 5.3 | 3 | 2.029 | 1985–2004 |
| 35 | 27 | J SOIL WATER CONSERV | 0.65 | 0.49 | 7.0 | 3 | 0.949 | 1966–2002 |
| 36 | 36 | NAT HIST | -0.32 | 0.44 | 0.3 | 0 | 0.059 | 1989–2005 |

ECONOMICS

ISI Category Description Economics covers resources on all aspects, both theoretical and applied, of the production, distribution, and consumption of goods and services. These include generalist as well as specialist resources, such as political economy, agricultural economics, macroeconomics, microeconomics, econometrics, trade, and planning.

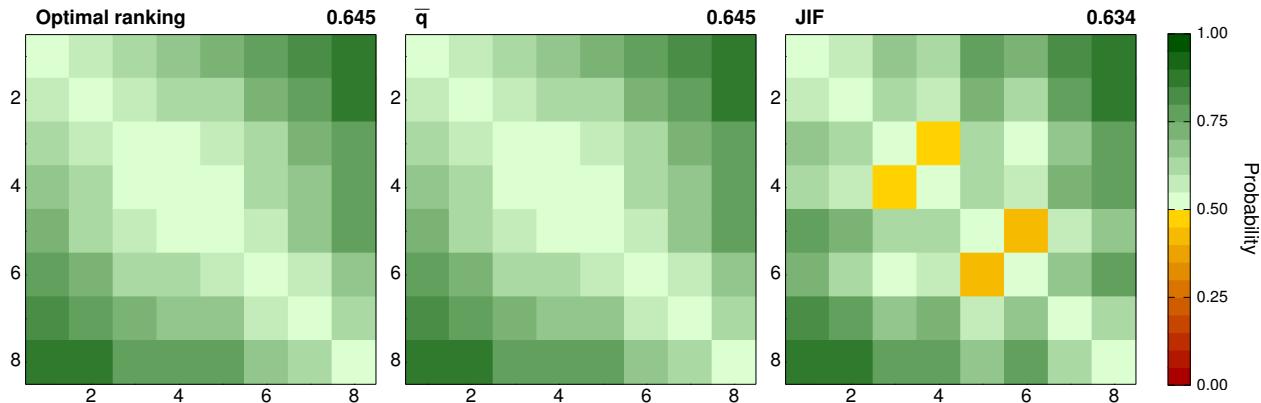


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | q̄ | | \bar{q} | σ | | | | |
| 1 | 2 | ECONOMETRICA | 1.58 | 0.45 | 88.6 | 35 | 2.402 | 1980–1994 | |
| 2 | 1 | J POLIT ECON | 1.56 | 0.46 | 69.7 | 33 | 3.194 | 1974–1996 | |
| 3 | 3 | AM ECON REV | 1.29 | 0.51 | 37.9 | 17 | 1.876 | 1983–1994 | |
| 4 | 11 | J ECON THEORY | 1.21 | 0.44 | 31.7 | 13 | 1.046 | 1968–1994 | |
| 5 | 5 | J ECONOMETRICS | 1.13 | 0.45 | 28.1 | 11 | 1.669 | 1979–1996 | |
| 6 | 4 | REV ECON STAT | 1.13 | 0.42 | 21.4 | 11 | 1.766 | 1964–1999 | |
| 7 | 6 | ECON J | 1.09 | 0.43 | 20.4 | 10 | 1.629 | 1970–1998 | |
| 8 | 7 | J PUBLIC ECON | 1.02 | 0.41 | 15.3 | 8 | 1.405 | 1975–2000 | |
| 9 | 13 | EUR ECON REV | 0.92 | 0.41 | 12.3 | 7 | 1.019 | 1991–1999 | |
| 10 | 12 | INT ECON REV | 0.92 | 0.45 | 13.9 | 6 | 1.031 | 1959–1999 | |
| 11 | 10 | J DEV ECON | 0.80 | 0.43 | 10.1 | 5 | 1.075 | 1975–2000 | |
| 12 | 8 | WORLD DEV | 0.80 | 0.39 | 8.2 | 5 | 1.298 | 1981–2001 | |
| 13 | 9 | AM J AGR ECON | 0.80 | 0.49 | 9.6 | 4 | 1.196 | 1971–1996 | |
| 14 | 14 | J BANK FINANC | 0.75 | 0.42 | 7.7 | 4 | 0.769 | 1979–2000 | |
| 15 | 18 | PUBLIC CHOICE | 0.73 | 0.43 | 8.1 | 4 | 0.446 | 1968–1995 | |
| 16 | 21 | J ECON ISSUES | 0.53 | 0.41 | 3.9 | 2 | 0.338 | 1972–1996 | |
| 17 | 17 | CAN J ECON | 0.54 | 0.45 | 4.3 | 2 | 0.475 | 1988–2001 | |
| 18 | 16 | APPL ECON | 0.52 | 0.41 | 3.9 | 2 | 0.522 | 1968–1997 | |
| 19 | 19 | ECON LETT | 0.45 | 0.44 | 4.0 | 2 | 0.366 | 1977–1999 | |
| 20 | 15 | FUTURES | 0.23 | 0.44 | 2.4 | 1 | 0.738 | 1967–2004 | |
| 21 | 22 | EKON CAS | -0.33 | 0.40 | 0.3 | 0 | 0.268 | 1979–2000 | |
| 22 | 20 | POLIT EKON | -0.50 | 0.35 | 0.1 | 0 | 0.363 | 1969–2005 | |

EDUCATION, SCIENTIFIC DISCIPLINES

ISI Category Description Education, Scientific Disciplines covers all education resources in the scientific disciplines, including biology, pharmacy, biochemistry, engineering, chemistry, nutrition, and medicine.

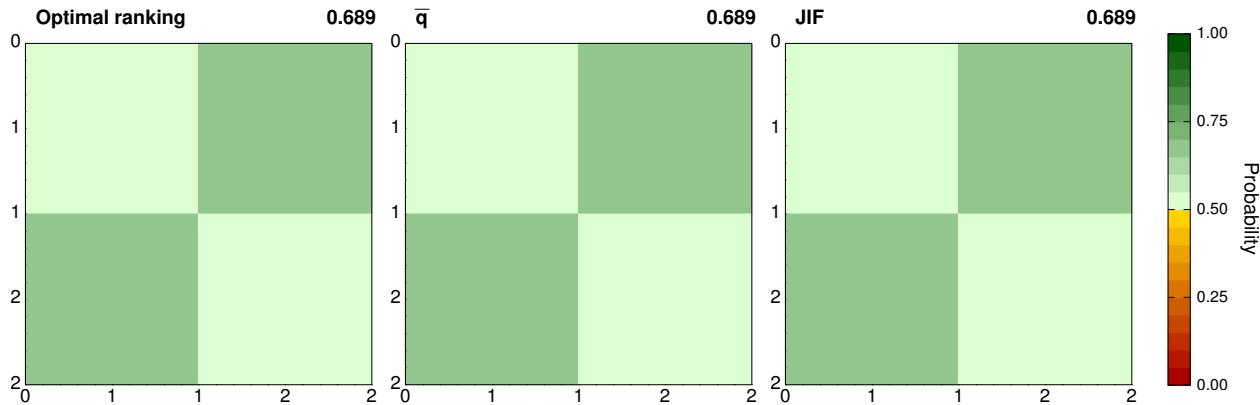


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|-----------------|----------------------|---------------|----------|-----------|----|-------|---------------------|
| | JIF | Optimal ranking | | \bar{q} | σ | | | | |
| 1 | 1 | ACAD MED | | 0.92 | 0.43 | 11.3 | 7 | 2.607 | 1988–1998 |
| 2 | 2 | MED EDUC | | 0.81 | 0.43 | 8.4 | 5 | 2.467 | 1981–2002 |
| 3 | 4 | J SCHOOL HEALTH | | 0.71 | 0.50 | 7.8 | 4 | 0.856 | 1983–1999 |
| 4 | 3 | AM J PHYS | | 0.58 | 0.42 | 6.3 | 2 | 0.919 | 1960–1999 |
| 5 | 6 | J CHEM EDUC | | 0.53 | 0.43 | 5.4 | 2 | 0.439 | 1968–1999 |
| 6 | 5 | AM J PHARM EDUC | | 0.40 | 0.42 | 2.7 | 1 | 0.743 | 1966–2001 |
| 7 | 7 | IEEE T EDUC | | 0.20 | 0.41 | 1.7 | 1 | 0.362 | 1964–2003 |
| 8 | 8 | AM BIOL TEACH | -0.04 | 0.43 | 1.0 | 0 | 0 | 0.171 | 1969–2005 |

EDUCATION, SPECIAL

ISI Category Description Education, Special covers resources that are concerned with the education and development of persons with special needs, including the gifted as well as those with learning disabilities.

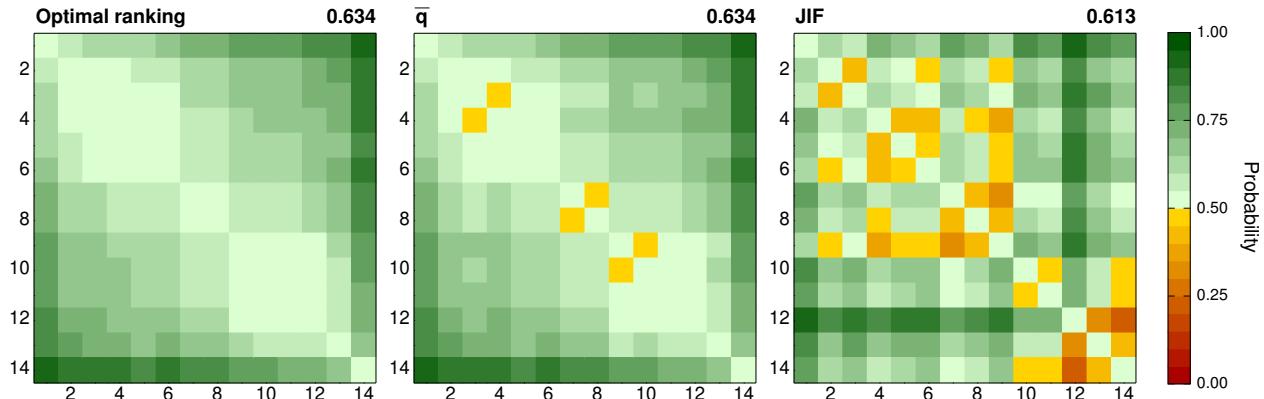


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|-----------------|----------------------|---------------|------|-----------|-------|-----------|---------------------|
| | JIF | \bar{q} | | σ | | | | | |
| 1 | 1 | EXCEPT CHILDREN | 1.11 | 0.39 | 16.6 | 10 | 3.226 | 1985–2000 | |
| 2 | 2 | MENT RETARD | 0.81 | 0.45 | 7.5 | 4 | 1.373 | 1971–1998 | |

EDUCATION & EDUCATIONAL RESEARCH

ISI Category Description Education & Educational Research covers resources on the full spectrum of education, from theoretical to applied, from nursery school to Ph.D. Included in this category are resources on pedagogy and methodology as well as on the history of education, reading, curriculum studies, education policy, and the sociology and economics of education, as well as the use of computers in the classroom.

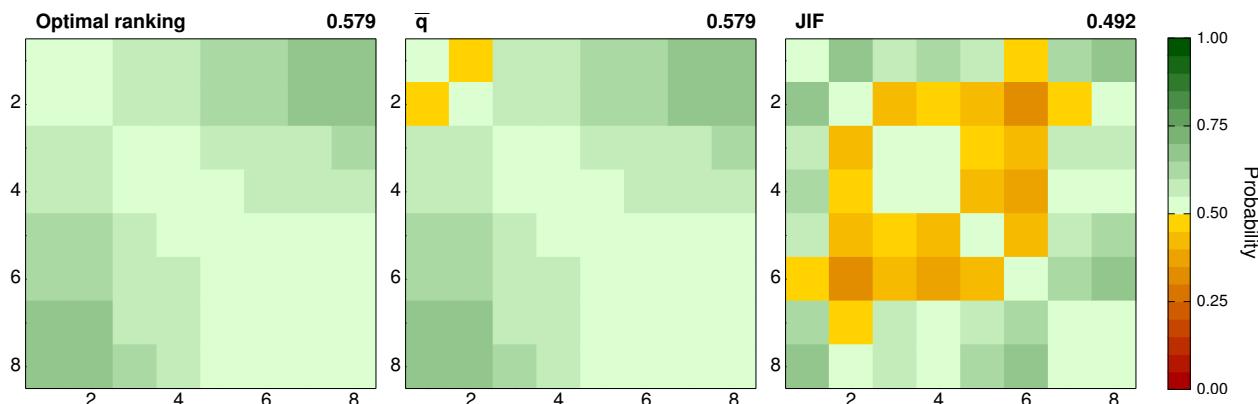


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| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J RES SCI TEACH | 0.96 | 0.36 | 10.6 | 7 | 1.022 | 1965–2001 |
| 2 | 3 | ELEM SCHOOL J | 0.81 | 0.43 | 9.3 | 5 | 0.591 | 1981–2001 |
| 3 | 9 | INT J SCI EDUC | 0.75 | 0.38 | 6.2 | 4 | 0.415 | 1986–2000 |
| 4 | 6 | J HIGH EDUC | 0.75 | 0.48 | 7.5 | 4 | 0.500 | 1974–2000 |
| 5 | 2 | J SCHOOL HEALTH | 0.71 | 0.50 | 7.8 | 4 | 0.856 | 1983–1999 |
| 6 | 5 | J COLL STUDENT DEV | 0.68 | 0.42 | 6.0 | 3 | 0.537 | 1978–2000 |
| 7 | 8 | J EDUC RES | 0.57 | 0.41 | 4.5 | 2 | 0.444 | 1955–2001 |
| 8 | 4 | J TEACH EDUC | 0.59 | 0.39 | 3.7 | 2 | 0.563 | 1994–2002 |
| 9 | 7 | J EXP EDUC | 0.45 | 0.44 | 3.8 | 2 | 0.484 | 1956–2002 |
| 10 | 14 | YOUNG CHILDREN | 0.45 | 0.43 | 2.9 | 2 | 0.091 | 1976–1997 |
| 11 | 11 | PHI DELTA KAPPAN | 0.39 | 0.49 | 3.6 | 1 | 0.241 | 1983–1995 |
| 12 | 10 | READ TEACH | 0.36 | 0.47 | 3.1 | 1 | 0.368 | 1958–2000 |
| 13 | 13 | EDUC LEADERSHIP | 0.23 | 0.50 | 2.9 | 1 | 0.210 | 1980–1994 |
| 14 | 12 | Z PADAGOGIK | -0.16 | 0.37 | 0.5 | 0 | 0.213 | 1997–2005 |

ELECTROCHEMISTRY

ISI Category Description Electrochemistry covers resources that deal with the chemical changes produced by electricity and the generation of electricity by chemical reactions. Applications include dry cells, lead plate, storage batteries, electroplating, electrodeposition (electrolysis), purification of copper, production of aluminum, fuel cells, and corrosion of metals.

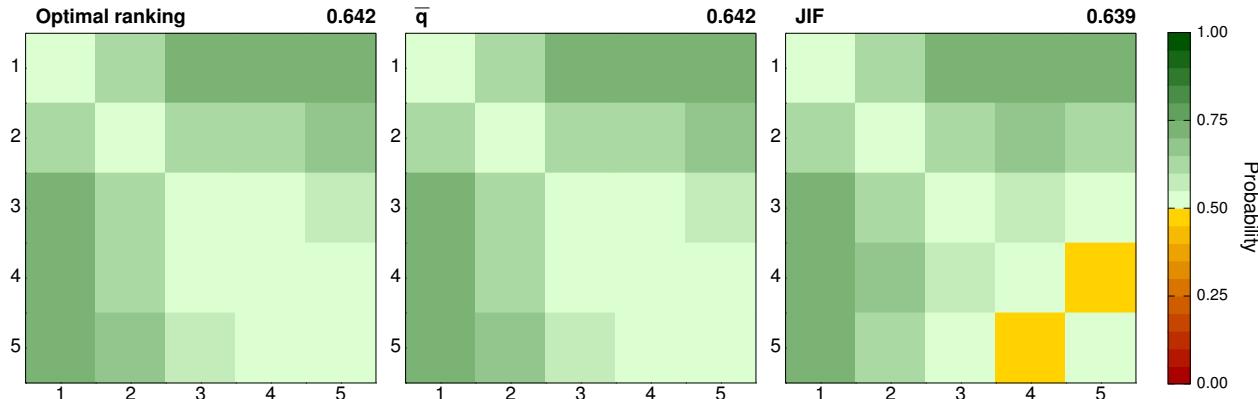


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| Rank AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-------------|------|----------------------|----------------------|---------------|----------|-----|-------|-----------|------------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 6 | J ELECTROANAL CHEM | 1.25 | 0.40 | 25.8 | 15 | 2.339 | 1963–1991 | |
| 2 | 1 | BIOSENS BIOELECTRON | 1.25 | 0.41 | 21.1 | 15 | 4.132 | 1990–2000 | |
| 3 | 5 | J ELECTROCHEM SOC | 1.13 | 0.41 | 20.5 | 11 | 2.387 | 1985–1998 | |
| 4 | 3 | ELECTROCHIM ACTA | 1.10 | 0.40 | 17.4 | 10 | 2.955 | 1966–1996 | |
| 5 | 4 | ELECTROANAL | 1.04 | 0.37 | 12.4 | 9 | 2.444 | 1989–1999 | |
| 6 | 7 | SENSOR ACTUAT B-CHEM | 1.02 | 0.38 | 12.2 | 8 | 2.331 | 1995–2001 | |
| 7 | 2 | J POWER SOURCES | 0.99 | 0.39 | 12.8 | 8 | 3.521 | 1996–2002 | |
| 8 | 8 | J APPL ELECTROCHEM | 0.96 | 0.38 | 12.0 | 7 | 1.409 | 1977–1997 | |

EMERGENCY MEDICINE

ISI Category Description Emergency Medicine covers resources on the science, education, and clinical practice of emergency medicine. Coverage spans the breadth of the specialty on trauma, pediatrics, toxicology, injury prevention and control, resuscitation, and emergency medical services.

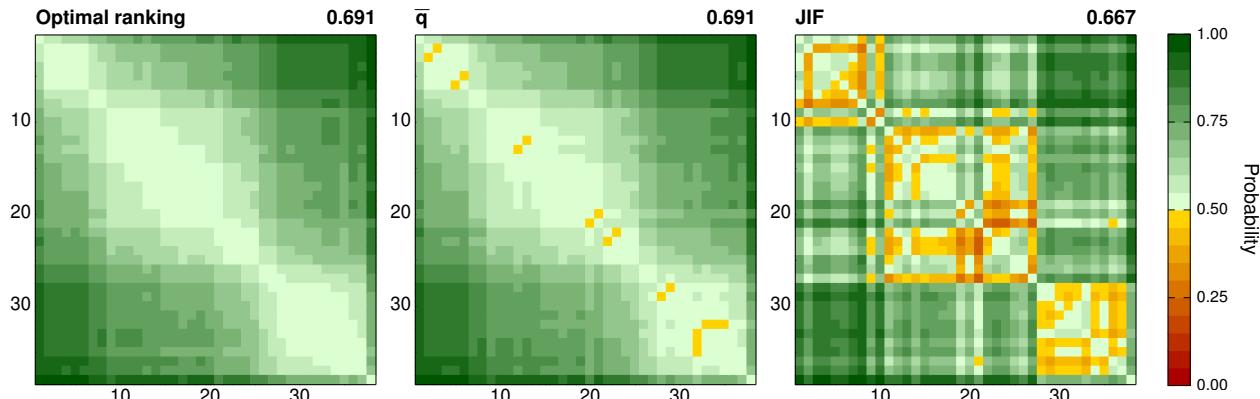


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|--------------------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | | |
| 1 | 1 | ANN EMERG MED | | 1.08 | 0.42 | 15.5 | 10 | 3.120 | 1988–1999 | |
| 2 | 2 | AM J EMERG MED | | 0.90 | 0.41 | 10.3 | 6 | 1.518 | 1984–1996 | |
| 3 | 3 | INJURY | | 0.72 | 0.43 | 6.5 | 4 | 1.067 | 1973–1996 | |
| 4 | 5 | UNFALLCHIRURG | | 0.67 | 0.38 | 5.5 | 3 | 0.645 | 1988–1998 | |
| 5 | 4 | PEDIATR EMERG CARE | | 0.66 | 0.47 | 4.9 | 3 | 0.700 | 1991–2001 | |

ENDOCRINOLOGY & METABOLISM

ISI Category Description Endocrinology & Metabolism includes resources focused on endocrine glands; the regulation of cell, organ, and system function by the action of secreted hormones; the generation and chemical/biological properties of these substances; and the pathogenesis and treatment of disorders associated with either source or target organs. Specific areas covered include neuroendocrinology, reproductive endocrinology, pancreatic hormones and diabetes, regulation of bone formation and loss, and control of growth.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 8 | MOL ENDOCRINOL | 1.70 | 0.35 | 64.5 | 47 | 4.967 | 1986–1994 |
| 2 | 10 | J CEREBR BLOOD F MET | 1.59 | 0.38 | 56.6 | 35 | 4.843 | 1982–1996 |
| 3 | 1 | DIABETES | 1.60 | 0.38 | 55.5 | 35 | 7.955 | 1967–1999 |
| 4 | 3 | J BONE MINER RES | 1.56 | 0.37 | 49.3 | 31 | 6.635 | 1985–1998 |
| 5 | 7 | ENDOCRINOLOGY | 1.55 | 0.35 | 45.3 | 31 | 5.236 | 1980–1993 |
| 6 | 4 | J CLIN ENDOCR METAB | 1.55 | 0.36 | 45.4 | 31 | 5.799 | 1994–1997 |
| 7 | 6 | DIABETOLOGIA | 1.47 | 0.38 | 41.6 | 26 | 5.247 | 1969–1999 |
| 8 | 5 | FREE RADICAL BIO MED | 1.46 | 0.36 | 37.4 | 24 | 5.440 | 1986–1997 |
| 9 | 2 | DIABETES CARE | 1.39 | 0.46 | 34.3 | 21 | 7.912 | 1978–2001 |
| 10 | 27 | CALCIFIED TISSUE INT | 1.37 | 0.38 | 31.7 | 21 | 2.483 | 1978–1994 |
| 11 | 13 | BONE | 1.36 | 0.38 | 29.9 | 20 | 3.829 | 1984–1998 |
| 12 | 23 | NEUROENDOCRINOLOGY | 1.33 | 0.34 | 27.6 | 18 | 2.680 | 1989–1995 |
| 13 | 24 | METABOLISM | 1.33 | 0.40 | 31.0 | 18 | 2.497 | 1955–1992 |
| 14 | 15 | CLIN ENDOCRINOL | 1.33 | 0.37 | 27.5 | 18 | 3.358 | 1973–1996 |
| 15 | 9 | PSYCHONEUROENDOCRINO | 1.30 | 0.36 | 25.2 | 17 | 4.850 | 1974–2001 |
| 16 | 16 | J ENDOCRINOL | 1.29 | 0.35 | 24.8 | 17 | 3.072 | 1980–1992 |
| 17 | 12 | INT J OBESITY | 1.28 | 0.39 | 25.0 | 16 | 4.055 | 1985–1999 |
| 18 | 17 | J MOL ENDOCRINOL | 1.27 | 0.33 | 22.1 | 16 | 2.988 | 1987–1995 |
| 19 | 22 | J NEUROENDOCRINOL | 1.25 | 0.30 | 22.2 | 16 | 2.774 | 1994–1999 |
| 20 | 18 | MOL CELL ENDOCRINOL | 1.25 | 0.33 | 21.4 | 15 | 2.918 | 1982–1997 |
| 21 | 14 | PROSTATE | 1.25 | 0.45 | 23.7 | 15 | 3.724 | 1986–2000 |
| 22 | 20 | J STEROID BIOCHEM | 1.17 | 0.36 | 19.5 | 12 | 2.825 | 1972–2001 |

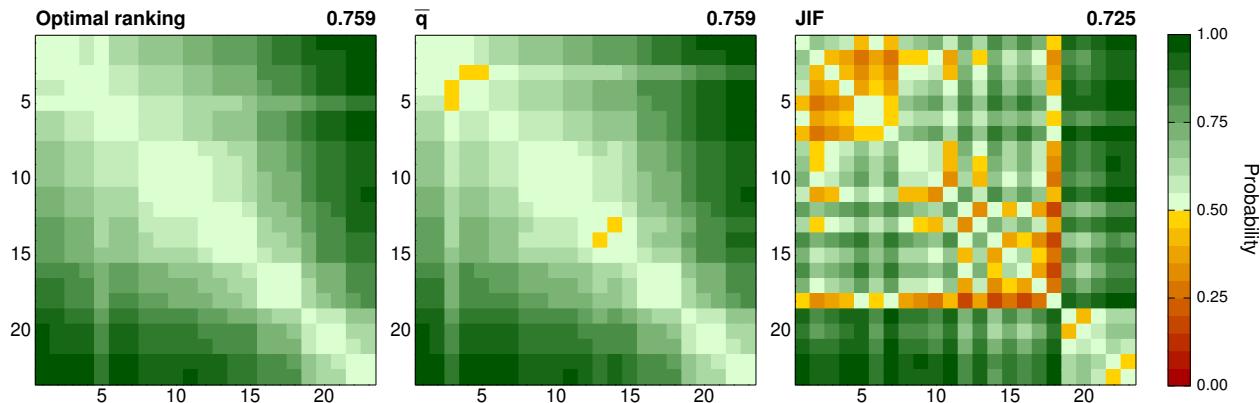
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| Rank | | | $p_{ss}(q J)$ | | n | Steady-state period | | |
|------|-----|----------------------|---------------|----------|-----------|---------------------|-------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 23 | 25 | GEN COMP ENDOCR | 1.18 | 0.34 | 16.6 | 12 | 2.487 | 1992–1999 |
| 24 | 11 | J PINEAL RES | 1.14 | 0.36 | 17.3 | 12 | 4.228 | 1983–2002 |
| 25 | 26 | DIABETIC MED | 1.13 | 0.40 | 18.1 | 11 | 2.484 | 1984–2000 |
| 26 | 19 | STEROIDS | 1.02 | 0.35 | 13.5 | 8 | 2.849 | 1986–2001 |
| 27 | 36 | HORM RES | 1.00 | 0.39 | 12.8 | 8 | 1.385 | 1973–1998 |
| 28 | 21 | NEUROPEPTIDES | 0.92 | 0.34 | 9.7 | 7 | 2.789 | 1993–2002 |
| 29 | 34 | J INHERIT METAB DIS | 0.92 | 0.39 | 10.5 | 6 | 1.574 | 1980–1998 |
| 30 | 37 | BIOL TRACE ELEM RES | 0.91 | 0.37 | 10.1 | 6 | 1.007 | 1979–1998 |
| 31 | 31 | COMP BIOCHEM PHYS C | 0.89 | 0.37 | 9.5 | 6 | 1.991 | 1985–2002 |
| 32 | 30 | HORM METAB RES | 0.88 | 0.37 | 9.5 | 6 | 1.997 | 1980–2002 |
| 33 | 32 | DIABETES RES CLIN PR | 0.87 | 0.34 | 8.9 | 6 | 1.837 | 1990–2002 |
| 34 | 35 | J ENDOCRINOL INVEST | 0.85 | 0.36 | 8.6 | 5 | 1.469 | 1977–2001 |
| 35 | 28 | REGUL PEPTIDES | 0.88 | 0.57 | 10.4 | 5 | 2.442 | 1994–1998 |
| 36 | 29 | PROSTAG LEUKOTR ESS | 0.80 | 0.34 | 7.1 | 5 | 2.261 | 2000–2003 |
| 37 | 33 | DIABETES METAB | 0.80 | 0.42 | 8.2 | 5 | 1.742 | 1975–2000 |
| 38 | 38 | ANN ENDOCRINOL-PARIS | 0.46 | 0.43 | 3.6 | 2 | 0.388 | 1971–2000 |

ENERGY & FUELS

ISI Category Description Energy & Fuels covers resources on the development, production, use, application, conversion, and management of nonrenewable (combustible) fuels (such as wood, coal, petroleum, and gas) and renewable energy sources (solar, wind, biomass, geothermal, hydroelectric). Note: Resources dealing with nuclear energy and nuclear technology appear in the NUCLEAR SCIENCE & TECHNOLOGY category.

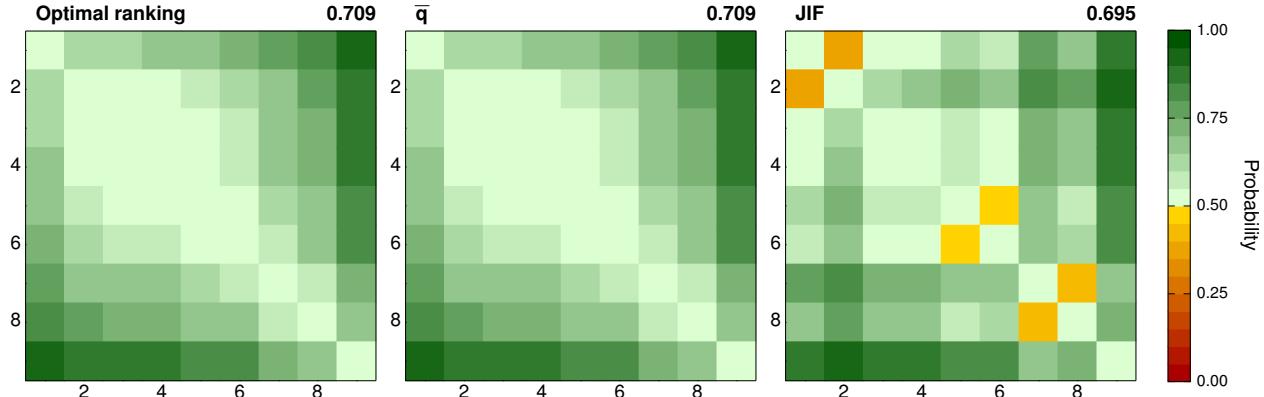


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| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 7 | ENERG FUEL | 1.09 | 0.37 | 16.0 | 10 | 1.519 | 1986–1993 |
| 2 | 5 | COMBUST FLAME | 1.09 | 0.40 | 16.2 | 10 | 1.828 | 1957–1999 |
| 3 | 18 | COMBUST SCI TECHNOL | 1.04 | 0.42 | 15.0 | 9 | 0.651 | 1969–1992 |
| 4 | 1 | J POWER SOURCES | 0.99 | 0.39 | 12.8 | 8 | 3.521 | 1996–2002 |
| 5 | 6 | AAPG BULL | 1.04 | 0.68 | 21.0 | 8 | 1.553 | 1973–1994 |
| 6 | 4 | BIORESOURCE TECHNOL | 0.90 | 0.37 | 9.9 | 6 | 2.180 | 1991–2001 |
| 7 | 11 | FUEL | 0.90 | 0.38 | 9.5 | 6 | 1.358 | 1989–1998 |
| 8 | 3 | SOL ENERG MAT SOL C | 0.81 | 0.42 | 8.4 | 5 | 2.321 | 1991–2000 |
| 9 | 8 | BIOMASS BIOENERG | 0.80 | 0.39 | 7.0 | 5 | 1.483 | 1990–2002 |
| 10 | 13 | FUEL PROCESS TECHNOL | 0.77 | 0.41 | 7.5 | 4 | 1.323 | 1976–2001 |
| 11 | 9 | SOL ENERGY | 0.74 | 0.34 | 6.1 | 4 | 1.431 | 1995–2000 |
| 12 | 2 | INT J HYDROGEN ENERG | 0.70 | 0.42 | 6.7 | 4 | 2.612 | 1975–2004 |
| 13 | 10 | ENERG POLICY | 0.64 | 0.38 | 5.2 | 3 | 1.362 | 1993–2001 |
| 14 | 17 | IEEE T ENERGY CONVER | 0.65 | 0.46 | 5.1 | 3 | 0.716 | 1985–1998 |
| 15 | 15 | ENERGY | 0.58 | 0.43 | 4.7 | 2 | 0.935 | 1991–2001 |
| 16 | 12 | ENERG CONVERS MANAGE | 0.40 | 0.45 | 3.1 | 1 | 1.325 | 1987–2006 |
| 17 | 16 | INT J ENERG RES | 0.35 | 0.41 | 2.6 | 1 | 0.718 | 1976–2002 |
| 18 | 14 | APPL ENERG | 0.32 | 0.42 | 2.2 | 1 | 1.006 | 1976–2004 |
| 19 | 20 | J CAN PETROL TECHNOL | 0.03 | 0.52 | 1.6 | 0 | 0.273 | 1968–2003 |
| 20 | 19 | COMBUST EXPLO SHOCK+ | -0.16 | 0.46 | 0.7 | 0 | 0.358 | 1972–2005 |
| 21 | 21 | HYDROCARB PROCESS | -0.25 | 0.52 | 0.8 | 0 | 0.145 | 1983–2005 |
| 22 | 23 | OIL GAS J | -0.69 | 0.47 | 0.1 | 0 | 0.034 | 1999–2006 |
| 23 | 22 | CHEM TECH FUELS OIL+ | -0.79 | 0.43 | 0.0 | 0 | 0.131 | 1976–2005 |

ENGINEERING, AEROSPACE

ISI Category Description Engineering, Aerospace includes resources concerned with astronautics, aeronautics, aerospace, and aviation. Topics covered include the design and construction of aircraft, space vehicles, missiles, satellites, instrumentation, and power units, as well as the launch, flight, and guidance of crafts in the earth's atmosphere or in space. Resources in this category draw from many fields, including mechanics and mechanical engineering, automation, instrumentation, and materials science.

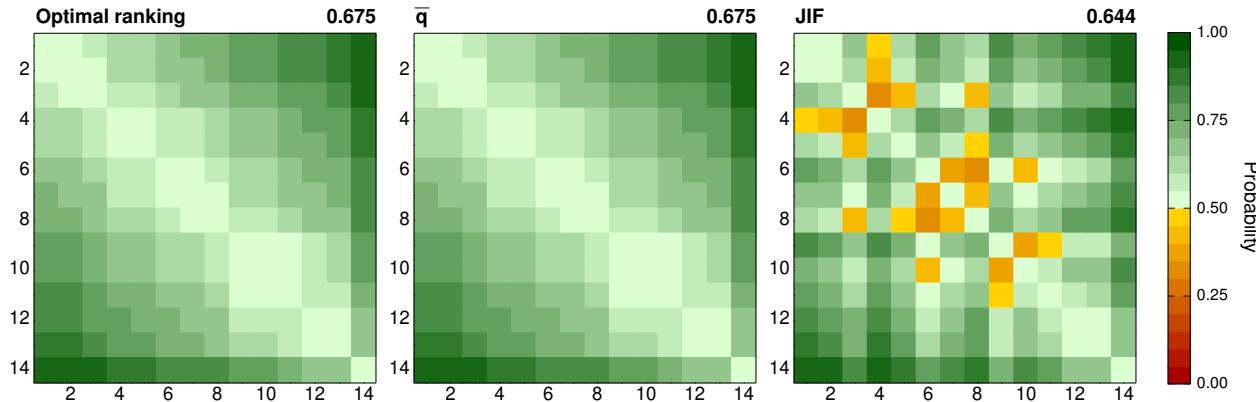


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|----|-------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | AIAA J | | 0.88 | 0.43 | 11.6 | 6 | 0.970 | 1968–1993 |
| 2 | 1 | J GUID CONTROL DYNAM | | 0.62 | 0.39 | 5.0 | 3 | 0.986 | 1992–2000 |
| 3 | 3 | IEEE T AERO ELEC SYS | | 0.59 | 0.47 | 6.8 | 2 | 0.836 | 1971–1999 |
| 4 | 4 | J PROPUL POWER | | 0.56 | 0.41 | 4.5 | 2 | 0.674 | 1984–1998 |
| 5 | 6 | J AIRCRAFT | | 0.51 | 0.44 | 3.8 | 2 | 0.456 | 1988–1997 |
| 6 | 5 | J SPACECRAFT ROCKETS | | 0.42 | 0.41 | 3.2 | 2 | 0.546 | 1964–2001 |
| 7 | 8 | AERONAUT J | | 0.24 | 0.50 | 2.1 | 1 | 0.267 | 1983–1998 |
| 8 | 7 | ACTA ASTRONAUT | | 0.08 | 0.49 | 1.5 | 0 | 0.314 | 1982–2001 |
| 9 | 9 | AEROSPACE AM | | -0.63 | 0.51 | 0.2 | 0 | 0.064 | 1983–2005 |

ENGINEERING, BIOMEDICAL

ISI Category Description Engineering, Biomedical covers resources that apply engineering technology to solving medical problems. Resources in this category span a wide range of applications including applied biomechanics, biorheology, medical imaging, medical monitoring equipment, artificial organs, and implanted materials and devices.

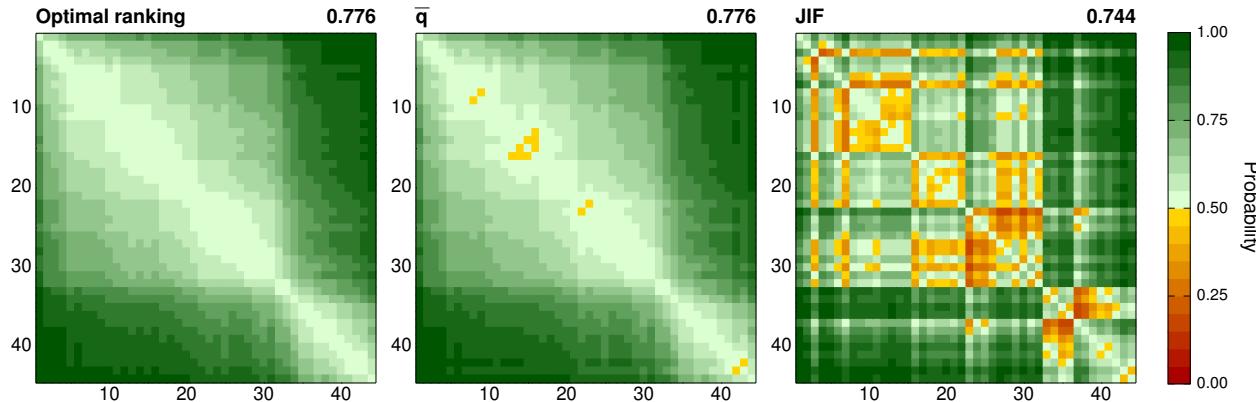


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | JIF | | \bar{q} | σ | | | | |
| 1 | 4 | J BIOMECH | | 1.38 | 0.43 | 32.6 | 20 | 2.542 | 1968–1995 |
| 2 | 1 | BIOMATERIALS | | 1.31 | 0.35 | 25.7 | 18 | 5.196 | 1991–2000 |
| 3 | 2 | IEEE T MED IMAGING | | 1.25 | 0.40 | 27.5 | 15 | 3.757 | 1985–1999 |
| 4 | 8 | J BIOMECH ENG-T ASME | | 1.14 | 0.40 | 20.2 | 11 | 1.309 | 1978–1999 |
| 5 | 5 | IEEE T BIO-MED ENG | | 1.14 | 0.43 | 20.0 | 11 | 2.302 | 1965–1997 |
| 6 | 3 | PHYS MED BIOL | | 1.04 | 0.41 | 16.1 | 9 | 2.873 | 1955–2000 |
| 7 | 7 | J MATER SCI-MATER M | | 1.01 | 0.41 | 14.1 | 8 | 1.562 | 1990–1999 |
| 8 | 10 | PACE | | 0.96 | 0.41 | 12.3 | 7 | 1.095 | 1978–1995 |
| 9 | 6 | ARTIF ORGANS | | 0.83 | 0.41 | 8.3 | 5 | 1.903 | 1978–1999 |
| 10 | 11 | MED BIOL ENG COMPUT | | 0.82 | 0.42 | 9.2 | 5 | 1.018 | 1976–1999 |
| 11 | 9 | INT J ARTIF ORGANS | | 0.74 | 0.40 | 7.0 | 4 | 1.253 | 1977–2001 |
| 12 | 12 | IEEE ENG MED BIOL | | 0.67 | 0.53 | 6.7 | 3 | 0.940 | 1995–1999 |
| 13 | 13 | COMPUT METH PROG BIO | | 0.61 | 0.40 | 6.4 | 3 | 0.624 | 1984–2002 |
| 14 | 14 | DIALYSIS TRANSPLANT | | 0.24 | 0.51 | 2.6 | 1 | 0.248 | 1977–2002 |

ENGINEERING, CHEMICAL

ISI Category Description Engineering, Chemical covers resources that discuss the chemical conversion of raw materials into a variety of products. This category includes resources that deal with the design and operation of efficient and cost-effective plants and equipment for the production of the various end products.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J CATAL | 1.47 | 0.39 | 41.0 | 26 | 4.533 | 1961–1995 |
| 2 | 4 | AICHE J | 1.28 | 0.41 | 30.1 | 16 | 2.153 | 1954–1994 |
| 3 | 2 | J MEMBRANE SCI | 1.25 | 0.40 | 23.6 | 15 | 3.442 | 1975–1994 |
| 4 | 5 | CATAL TODAY | 1.19 | 0.39 | 20.5 | 13 | 2.148 | 1992–2000 |
| 5 | 15 | POLYM ENG SCI | 1.11 | 0.42 | 19.9 | 10 | 1.414 | 1968–1992 |
| 6 | 13 | ENERG FUEL | 1.09 | 0.37 | 16.0 | 10 | 1.519 | 1986–1993 |
| 7 | 8 | COMBUST FLAME | 1.09 | 0.40 | 16.2 | 10 | 1.828 | 1957–1999 |
| 8 | 12 | CHEM ENG SCI | 1.07 | 0.40 | 15.2 | 9 | 1.629 | 1990–1995 |
| 9 | 14 | IND ENG CHEM RES | 1.07 | 0.41 | 15.9 | 9 | 1.518 | 1986–1996 |
| 10 | 9 | J FOOD ENG | 1.05 | 0.41 | 12.7 | 9 | 1.696 | 1991–1995 |
| 11 | 30 | COMBUST SCI TECHNOL | 1.04 | 0.42 | 15.0 | 9 | 0.651 | 1969–1992 |
| 12 | 10 | FLUID PHASE EQUILIBR | 0.99 | 0.39 | 12.3 | 7 | 1.680 | 1987–1995 |
| 13 | 28 | TRANSPORT POROUS MED | 0.95 | 0.42 | 13.4 | 7 | 0.774 | 1986–1995 |
| 14 | 27 | J ADHES SCI TECHNOL | 0.97 | 0.40 | 11.2 | 7 | 0.868 | 1987–1997 |
| 15 | 22 | J ADHESION | 0.96 | 0.41 | 13.8 | 7 | 1.046 | 1968–1992 |
| 16 | 6 | PROCESS BIOCHEM | 0.96 | 0.37 | 10.3 | 7 | 2.008 | 1990–2000 |
| 17 | 11 | J CHEM ENG DATA | 0.92 | 0.41 | 12.0 | 6 | 1.642 | 1964–1998 |
| 18 | 17 | FUEL | 0.90 | 0.38 | 9.5 | 6 | 1.358 | 1989–1998 |
| 19 | 32 | CAN J CHEM ENG | 0.89 | 0.39 | 10.4 | 6 | 0.480 | 1986–1993 |
| 20 | 20 | POWDER TECHNOL | 0.87 | 0.40 | 10.0 | 5 | 1.232 | 1971–2000 |
| 21 | 19 | J CHEM TECHNOL BIOT | 0.84 | 0.41 | 9.4 | 5 | 1.276 | 1978–1999 |
| 22 | 21 | DRY TECHNOL | 0.78 | 0.40 | 7.5 | 4 | 1.100 | 1989–1992 |
| 23 | 29 | CHEM ENG RES DES | 0.79 | 0.45 | 8.1 | 4 | 0.747 | 1983–1999 |
| 24 | 18 | FUEL PROCESS TECHNOL | 0.77 | 0.41 | 7.5 | 4 | 1.323 | 1976–2001 |

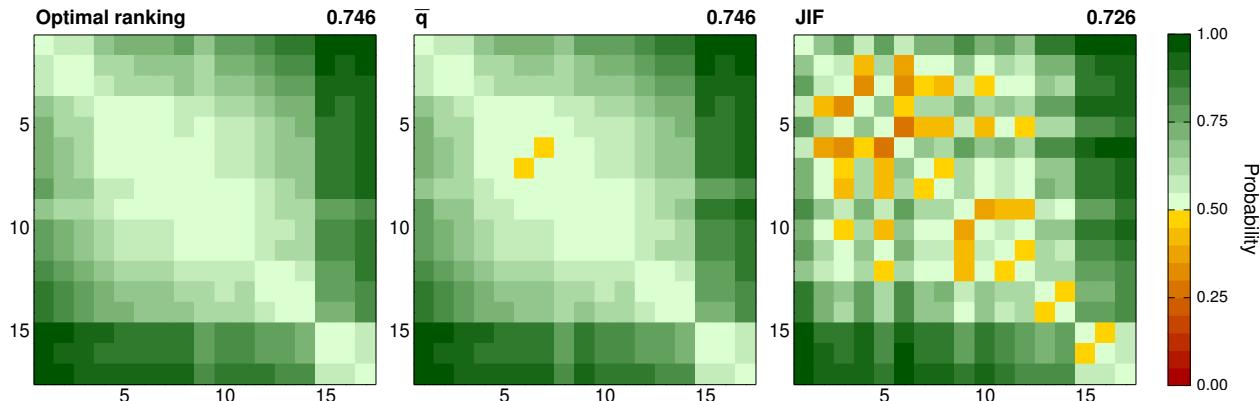
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 3 | J AEROSOL SCI | 0.77 | 0.50 | 9.6 | 4 | 2.952 | 1979–1999 |
| 26 | 26 | INT J MINER PROCESS | 0.75 | 0.37 | 5.9 | 4 | 0.884 | 1991–2002 |
| 27 | 31 | J CHEM ENG JPN | 0.72 | 0.37 | 5.7 | 4 | 0.594 | 1994–1999 |
| 28 | 7 | DYES PIGMENTS | 0.69 | 0.36 | 5.9 | 3 | 1.909 | 1980–2003 |
| 29 | 16 | COMPUT CHEM ENG | 0.68 | 0.43 | 6.2 | 3 | 1.404 | 1994–2002 |
| 30 | 37 | CHEM ENG COMMUN | 0.64 | 0.47 | 6.6 | 3 | 0.350 | 1977–1994 |
| 31 | 24 | MINER ENG | 0.63 | 0.37 | 4.6 | 3 | 0.942 | 1987–2000 |
| 32 | 25 | DESALINATION | 0.53 | 0.46 | 5.3 | 2 | 0.917 | 1975–1997 |
| 33 | 38 | KAGAKU KOGAKU RONBUN | 0.43 | 0.38 | 2.8 | 2 | 0.294 | 1979–1996 |
| 34 | 23 | APPL ENERG | 0.32 | 0.42 | 2.2 | 1 | 1.006 | 1976–2004 |
| 35 | 39 | CHEM ENG PROG | 0.16 | 0.43 | 1.9 | 1 | 0.293 | 1995–2002 |
| 36 | 34 | CHEM-ING-TECH | 0.14 | 0.44 | 1.5 | 0 | 0.407 | 1985–2002 |
| 37 | 41 | J CAN PETROL TECHNOL | 0.03 | 0.52 | 1.6 | 0 | 0.273 | 1968–2003 |
| 38 | 33 | PRZEM CHEM | 0.03 | 0.40 | 0.9 | 0 | 0.429 | 1969–2002 |
| 39 | 40 | REV CHIM-BUCHAREST | -0.05 | 0.42 | 0.8 | 0 | 0.287 | 1976–2002 |
| 40 | 36 | COMBUST EXPLO SHOCK+ | -0.16 | 0.46 | 0.7 | 0 | 0.358 | 1972–2005 |
| 41 | 42 | HYDROCARB PROCESS | -0.25 | 0.52 | 0.8 | 0 | 0.145 | 1983–2005 |
| 42 | 35 | CHEM ENG NEWS | -0.50 | 0.67 | 0.9 | 0 | 0.379 | 1967–2004 |
| 43 | 44 | CHEM ENG-NEW YORK | -0.40 | 0.45 | 0.3 | 0 | 0.102 | 1996–2006 |
| 44 | 43 | CHEM TECH FUELS OIL+ | -0.79 | 0.43 | 0.0 | 0 | 0.131 | 1976–2005 |

ENGINEERING, CIVIL

ISI Category Description Engineering, Civil includes resources on the planning, design, construction, and maintenance of fixed structures and ground facilities for industry, occupancy, transportation, use and control of water, and harbor facilities. Resources also may cover the sub-fields of structural engineering, geotechnics, earthquake engineering, ocean engineering, water resources and supply, marine engineering, transportation engineering, and municipal engineering.

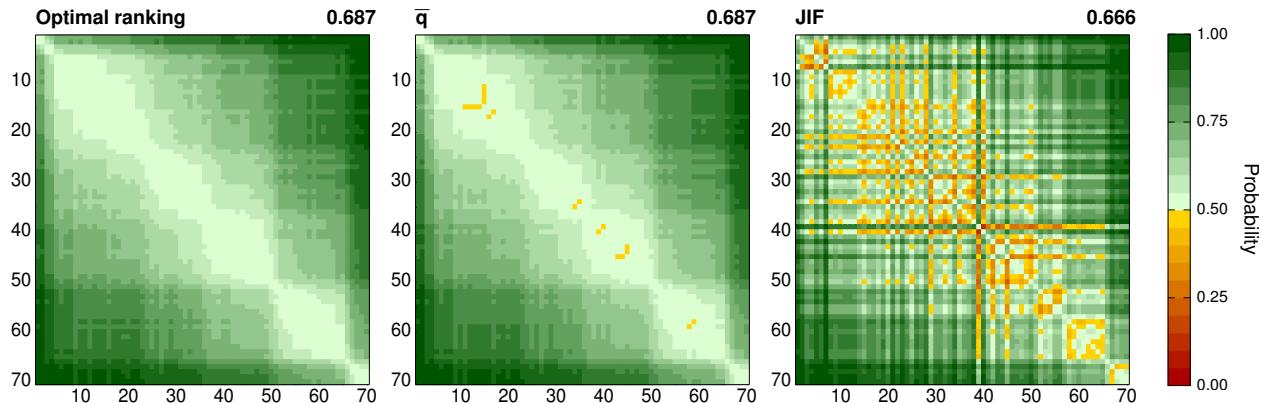


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J HYDROL | 1.07 | 0.37 | 13.5 | 10 | 2.117 | 1991–2000 |
| 2 | 6 | J ENVIRON ENG-ASCE | 0.95 | 0.37 | 11.5 | 7 | 0.725 | 1982–1998 |
| 3 | 4 | J HYDRAUL ENG-ASCE | 0.94 | 0.45 | 12.2 | 7 | 1.004 | 1982–1995 |
| 4 | 2 | J HAZARD MATER | 0.76 | 0.40 | 7.4 | 4 | 1.855 | 1990–2003 |
| 5 | 8 | J STRUCT ENG-ASCE | 0.73 | 0.41 | 6.9 | 4 | 0.635 | 1982–2000 |
| 6 | 7 | ACI STRUCT J | 0.69 | 0.43 | 6.7 | 4 | 0.657 | 1986–1999 |
| 7 | 10 | J CONSTR ENG M ASCE | 0.71 | 0.43 | 5.3 | 3 | 0.471 | 1989–1999 |
| 8 | 3 | J IRRIG DRAIN E-ASCE | 0.63 | 0.39 | 5.0 | 3 | 1.250 | 1982–2002 |
| 9 | 12 | J AM WATER WORKS ASS | 0.68 | 0.65 | 9.8 | 3 | 0.431 | 1977–1994 |
| 10 | 11 | MATER STRUCT | 0.57 | 0.47 | 5.7 | 2 | 0.459 | 1990–1996 |
| 11 | 5 | COMPUT STRUCT | 0.56 | 0.39 | 4.5 | 2 | 0.846 | 1990–2002 |
| 12 | 9 | J WIND ENG IND AEROD | 0.47 | 0.43 | 3.4 | 2 | 0.586 | 1994–1999 |
| 13 | 14 | CAN J CIVIL ENG | 0.38 | 0.43 | 2.7 | 1 | 0.314 | 1978–2000 |
| 14 | 13 | J TRANSP ENG-ASCE | 0.31 | 0.42 | 2.3 | 1 | 0.410 | 1983–2002 |
| 15 | 16 | CIVIL ENG | -0.28 | 0.41 | 0.3 | 0 | 0.072 | 1966–2004 |
| 16 | 15 | ITE J | -0.33 | 0.47 | 0.4 | 0 | 0.132 | 1977–2004 |
| 17 | 17 | NAV ARCHIT | -0.42 | 0.18 | 0.0 | 0 | 0.001 | 1979–2006 |

ENGINEERING, ELECTRICAL & ELECTRONIC

ISI Category Description Engineering, Electrical & Electronic covers resources that deal with the applications of electricity, generally those involving current flows through conductors, as in motors and generators. This category also includes resources that cover the conduction of electricity through gases or a vacuum as well as through semiconducting and superconducting materials. Other relevant topics in this category include image and signal processing, electromagnetics, electronic components and materials, microwave technology, and microelectronics.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | IEEE T PATTERN ANAL | 1.51 | 0.42 | 67.3 | 29 | 4.306 | 1982–1993 |
| 2 | 7 | IEEE T NEURAL NETWOR | 1.49 | 0.32 | 48.8 | 27 | 2.620 | 1990–1992 |
| 3 | 5 | IEEE T AUTOMAT CONTR | 1.31 | 0.47 | 40.9 | 18 | 2.772 | 1970–1995 |
| 4 | 2 | IEEE T MED IMAGING | 1.25 | 0.40 | 27.5 | 15 | 3.757 | 1985–1999 |
| 5 | 23 | IEEE T SIGNAL PROCES | 1.13 | 0.43 | 21.3 | 10 | 1.570 | 1990–1993 |
| 6 | 28 | IEEE T COMPUT | 1.09 | 0.46 | 23.1 | 10 | 1.426 | 1971–1991 |
| 7 | 21 | J VAC SCI TECHNOL B | 1.09 | 0.41 | 17.5 | 10 | 1.597 | 1987–1990 |
| 8 | 6 | IEEE ELECTR DEVICE L | 1.08 | 0.40 | 16.8 | 10 | 2.716 | 1982–1994 |
| 9 | 3 | P IEEE | 1.06 | 0.52 | 25.5 | 9 | 3.686 | 1962–1998 |
| 10 | 12 | IEEE T ELECTRON DEV | 1.05 | 0.44 | 18.1 | 9 | 2.052 | 1973–1994 |
| 11 | 34 | IEEE T VEH TECHNOL | 1.01 | 0.42 | 23.4 | 8 | 1.071 | 1989–1993 |
| 12 | 9 | AUTOMATICA | 1.04 | 0.50 | 23.9 | 9 | 2.273 | 1970–1995 |
| 13 | 11 | IEEE T SOFTWARE ENG | 1.03 | 0.44 | 17.2 | 8 | 2.132 | 1976–1999 |
| 14 | 13 | IEEE T MICROW THEORY | 1.03 | 0.44 | 16.6 | 8 | 2.027 | 1968–1992 |
| 15 | 40 | IEEE T COMPUT AID D | 1.02 | 0.42 | 14.7 | 8 | 0.838 | 1983–1989 |
| 16 | 17 | IEEE J SEL AREA COMM | 0.98 | 0.47 | 17.5 | 7 | 1.816 | 1988–2000 |
| 17 | 38 | IEEE T CIRCUITS-II | 0.98 | 0.39 | 14.8 | 8 | 0.922 | 1991–1995 |
| 18 | 4 | J LIGHTWAVE TECHNOL | 0.97 | 0.41 | 14.2 | 7 | 2.824 | 1983–2000 |
| 19 | 26 | IEEE T ANTENN PROPAG | 0.97 | 0.42 | 14.5 | 7 | 1.480 | 1969–1998 |
| 20 | 19 | IEEE T ULTRASON FERR | 0.97 | 0.42 | 13.4 | 7 | 1.729 | 1985–1998 |
| 21 | 10 | IEEE J QUANTUM ELECT | 0.95 | 0.39 | 12.3 | 7 | 2.262 | 1994–2002 |
| 22 | 8 | IEEE PHOTONIC TECH L | 0.93 | 0.37 | 10.5 | 7 | 2.353 | 1994–2000 |

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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 16 | PATTERN RECOGN | 0.92 | 0.42 | 12.6 | 6 | 1.822 | 1967–1997 |
| 24 | 14 | IEEE J SOLID-ST CIRC | 0.88 | 0.43 | 11.9 | 6 | 2.002 | 1970–1999 |
| 25 | 30 | IEEE T COMMUN | 0.86 | 0.48 | 14.0 | 5 | 1.208 | 1972–2001 |
| 26 | 24 | J ELECTRON MATER | 0.84 | 0.41 | 9.4 | 5 | 1.504 | 1988–1999 |
| 27 | 18 | IEEE T GEOSCI REMOTE | 0.83 | 0.49 | 11.6 | 5 | 1.752 | 1964–2006 |
| 28 | 37 | IEEE T POWER SYST | 0.81 | 0.42 | 8.6 | 5 | 0.922 | 1985–1999 |
| 29 | 27 | SENSOR ACTUAT A-PHYS | 0.80 | 0.38 | 7.7 | 5 | 1.434 | 1997–2001 |
| 30 | 31 | IMAGE VISION COMPUT | 0.79 | 0.40 | 8.2 | 5 | 1.171 | 1984–2001 |
| 31 | 33 | IEEE T CIRCUITS-I | 0.77 | 0.40 | 8.6 | 4 | 1.139 | 1995–2001 |
| 32 | 50 | IEEE T IND ELECTRON | 0.76 | 0.43 | 7.7 | 4 | 0.590 | 1988–1998 |
| 33 | 22 | SEMICOND SCI TECH | 0.75 | 0.39 | 7.1 | 4 | 1.586 | 1991–1997 |
| 34 | 15 | IEEE T INFORM THEORY | 0.74 | 0.44 | 10.0 | 4 | 1.938 | 2000–2003 |
| 35 | 36 | IEEE T MAGN | 0.74 | 0.45 | 8.4 | 4 | 0.938 | 1965–1991 |
| 36 | 43 | IEEE T RELIAB | 0.70 | 0.47 | 7.1 | 3 | 0.800 | 1963–1995 |
| 37 | 20 | IEEE COMMUN MAG | 0.69 | 0.51 | 8.8 | 3 | 1.678 | 1996–2002 |
| 38 | 49 | IEEE T IND APPL | 0.66 | 0.51 | 7.4 | 3 | 0.611 | 1990–1997 |
| 39 | 25 | IEEE T NUCL SCI | 0.63 | 0.48 | 6.8 | 3 | 1.497 | 1981–1998 |
| 40 | 46 | IEEE T ENERGY CONVER | 0.65 | 0.46 | 5.1 | 3 | 0.716 | 1985–1998 |
| 41 | 32 | SOLID STATE ELECTRON | 0.62 | 0.42 | 5.2 | 3 | 1.159 | 1993–2000 |
| 42 | 44 | IEEE T ELECTROMAGN C | 0.60 | 0.44 | 6.1 | 3 | 0.770 | 1966–2002 |
| 43 | 47 | SIGNAL PROCESS | 0.59 | 0.43 | 6.8 | 2 | 0.669 | 1978–1998 |
| 44 | 41 | IEEE T AERO ELEC SYS | 0.59 | 0.47 | 6.8 | 2 | 0.836 | 1971–1999 |
| 45 | 35 | ELECTRON LETT | 0.59 | 0.49 | 6.3 | 2 | 1.063 | 1969–2006 |
| 46 | 55 | IEEE T POWER DELIVER | 0.57 | 0.46 | 5.1 | 2 | 0.496 | 1985–1999 |
| 47 | 56 | J ELECTROSTAT | 0.57 | 0.42 | 5.0 | 2 | 0.467 | 1976–2003 |
| 48 | 51 | IEEE T INSTRUM MEAS | 0.55 | 0.44 | 4.8 | 2 | 0.572 | 1963–2001 |
| 49 | 48 | OPT QUANT ELECTRON | 0.51 | 0.41 | 4.3 | 2 | 0.644 | 1992–2002 |
| 50 | 29 | MICROELECTRON ENG | 0.48 | 0.44 | 3.9 | 2 | 1.398 | 1992–2003 |
| 51 | 53 | J ELECTROMAGNET WAVE | 0.42 | 0.46 | 3.1 | 1 | 0.524 | 1995–1999 |
| 52 | 54 | IEICE T ELECTRON | 0.32 | 0.43 | 2.5 | 1 | 0.508 | 1991–2000 |
| 53 | 60 | J FRANKLIN I | 0.31 | 0.45 | 2.3 | 1 | 0.362 | 1985–2004 |
| 54 | 57 | INT J ELECTRON | 0.30 | 0.47 | 2.9 | 1 | 0.459 | 1964–2001 |
| 55 | 42 | MICROELECTRON RELIAB | 0.27 | 0.44 | 2.2 | 1 | 0.815 | 1965–2004 |
| 56 | 65 | IEICE T COMMUN | 0.25 | 0.44 | 2.3 | 1 | 0.290 | 1991–2000 |
| 57 | 52 | MICROW OPT TECHN LET | 0.24 | 0.45 | 2.4 | 1 | 0.568 | 1987–2002 |
| 58 | 61 | IEEE T EDUC | 0.20 | 0.41 | 1.7 | 1 | 0.362 | 1964–2003 |
| 59 | 64 | SOLID STATE TECHNOL | 0.21 | 0.53 | 2.7 | 1 | 0.293 | 1992–1999 |
| 60 | 59 | ELECTR POW SYST RES | 0.20 | 0.43 | 1.6 | 1 | 0.393 | 1976–2002 |
| 61 | 45 | IEEE T CONSUM ELECTR | 0.18 | 0.45 | 1.9 | 1 | 0.727 | 1974–2002 |
| 62 | 63 | IEICE T FUND ELECTR | 0.18 | 0.42 | 1.7 | 1 | 0.312 | 1991–2002 |
| 63 | 62 | INT J INFRARED MILLI | 0.17 | 0.46 | 1.7 | 1 | 0.326 | 1994–2002 |
| 64 | 58 | COMPUT COMMUN | 0.09 | 0.46 | 1.5 | 0 | 0.444 | 1990–2006 |
| 65 | 39 | IEEE SPECTRUM | 0.08 | 0.50 | 1.9 | 0 | 0.840 | 1971–2002 |

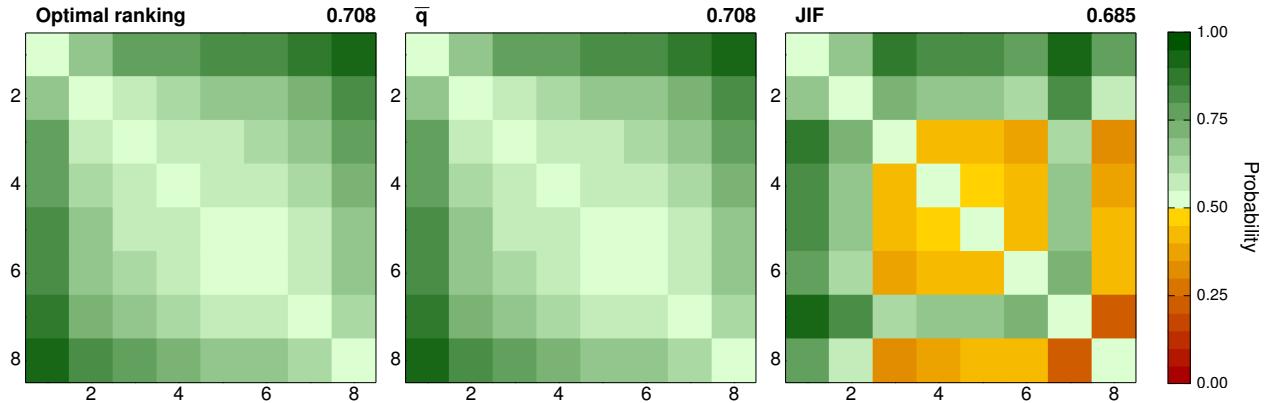
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| AUC | Rank | Journal abbreviation | p _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|-----------------------|------|-----|----|-------|---------------------|
| | | | q̄ | σ | | | | |
| 66 | 66 | MICROWAVE J | -0.09 | 0.51 | 1.0 | 0 | 0.223 | 1976–1998 |
| 67 | 68 | ELECTR ENG JPN | -0.31 | 0.48 | 0.4 | 0 | 0.100 | 1964–2005 |
| 68 | 69 | CONTROL ENG | -0.37 | 0.38 | 0.2 | 0 | 0.051 | 1966–2005 |
| 69 | 70 | MICROWAVES RF | -0.57 | 0.46 | 0.2 | 0 | 0.045 | 1981–2005 |
| 70 | 67 | EDN | -0.58 | 0.36 | 0.1 | 0 | 0.132 | 1976–2002 |

ENGINEERING, ENVIRONMENTAL

ISI Category Description Engineering, Environmental includes resources that discuss the effects of human beings on the environment and the development of controls to minimize environmental degradation. Relevant topics in this category include water and air pollution control, hazardous waste management, land reclamation, pollution prevention, bioremediation, incineration, management of sludge problems, landfill and waste repository design and construction, facility decommissioning, and environmental policy and compliance.

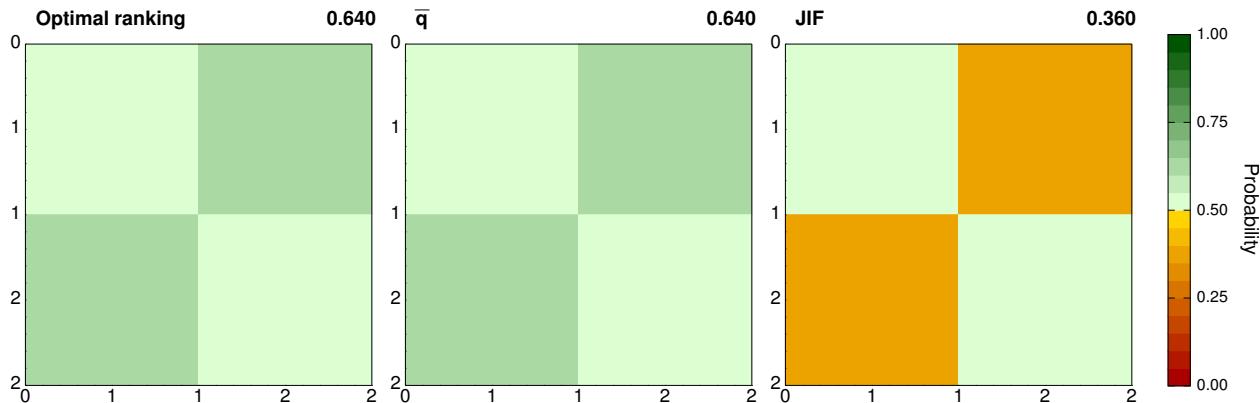


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ENVIRON SCI TECHNOL | 1.48 | 0.40 | 36.2 | 26 | 4.040 | 1995–1997 |
| 2 | 2 | WATER RES | 1.18 | 0.37 | 20.5 | 13 | 2.459 | 1966–1998 |
| 3 | 8 | WATER ENVIRON RES | 1.07 | 0.44 | 14.0 | 9 | 0.665 | 1991–1996 |
| 4 | 6 | J ENVIRON ENG-ASCE | 0.95 | 0.37 | 11.5 | 7 | 0.725 | 1982–1998 |
| 5 | 5 | AMBIO | 0.88 | 0.48 | 11.2 | 6 | 1.433 | 1994–2002 |
| 6 | 4 | J AIR WASTE MANAGE | 0.87 | 0.44 | 11.0 | 5 | 1.441 | 1989–2000 |
| 7 | 3 | J HAZARD MATER | 0.76 | 0.40 | 7.4 | 4 | 1.855 | 1990–2003 |
| 8 | 7 | J ENVIRON SCI HEAL A | 0.57 | 0.41 | 4.6 | 2 | 0.669 | 1975–2000 |

ENGINEERING, GEOLOGICAL

ISI Category Description Engineering, Geological includes multidisciplinary resources that encompass the knowledge and experience drawn from both the geosciences and various engineering disciplines (primarily civil engineering). Resources in this category cover geotechnical engineering, geotechnics, geotechnology, soil dynamics, earthquake engineering, geotextiles and geomembranes, engineering geology, and rock mechanics.

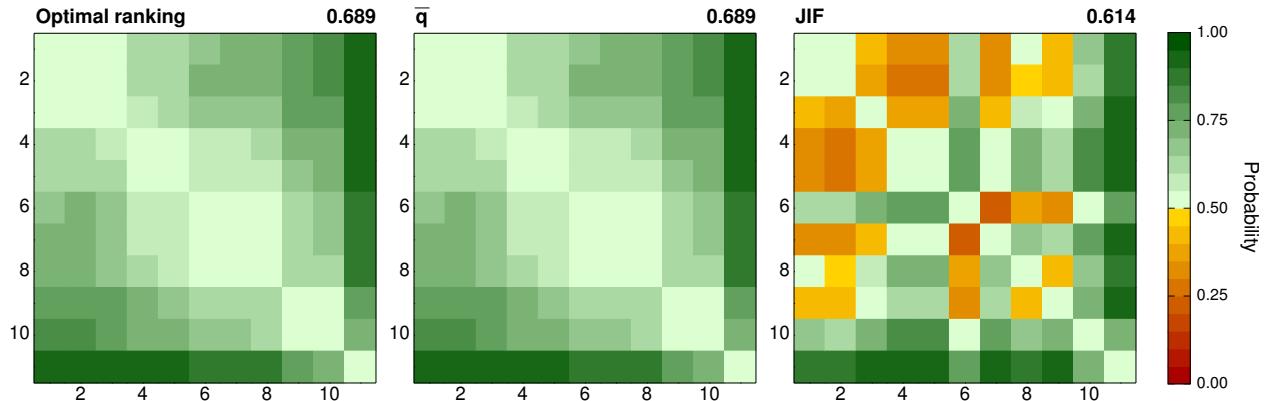


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | CAN GEOTECH J | 0.76 | 0.40 | 7.1 | 4 | 0.358 | 1990–1998 | |
| 2 | 1 | ENG GEOL | 0.50 | 0.43 | 4.0 | 2 | 0.900 | 1967–2004 | |

ENGINEERING, INDUSTRIAL

ISI Category Description Engineering, Industrial includes resources that focus on engineering systems that integrate people, materials, capital, and equipment to provide products and services. Relevant topics covered in the category include operations research, process engineering, productivity engineering, manufacturing, computer-integrated manufacturing (CIM), industrial economics, and design engineering.

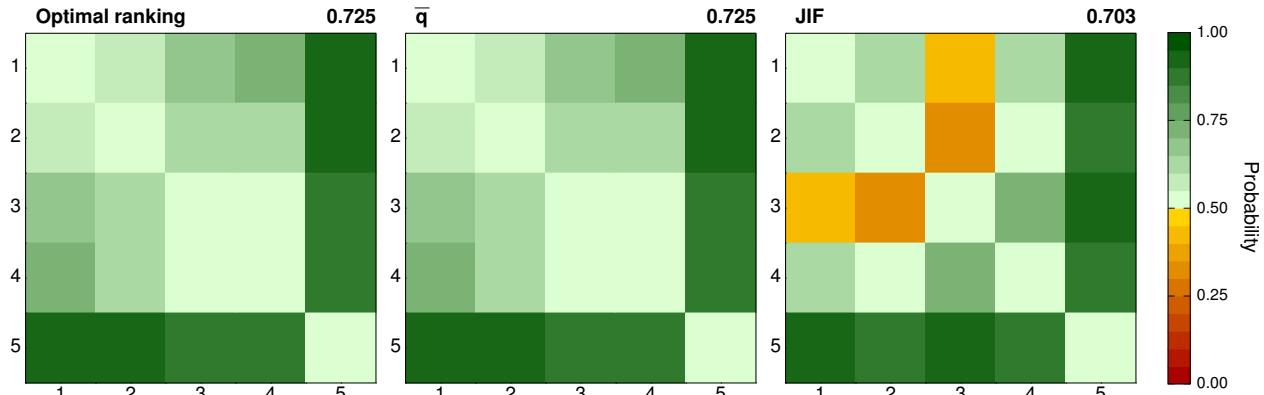


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 5 | INT J PROD RES | | 0.96 | 0.49 | 13.4 | 7 | 0.799 | 1986–1992 |
| 2 | 4 | ERGONOMICS | | 0.96 | 0.46 | 13.1 | 7 | 0.826 | 1957–1994 |
| 3 | 7 | IIE TRANS | | 0.89 | 0.44 | 11.3 | 6 | 0.637 | 1981–1997 |
| 4 | 3 | COMPUT OPER RES | | 0.72 | 0.42 | 7.1 | 3 | 0.893 | 1975–2000 |
| 5 | 9 | J CONSTR ENG M ASCE | | 0.71 | 0.43 | 5.3 | 3 | 0.471 | 1989–1999 |
| 6 | 1 | INT J PROD ECON | | 0.58 | 0.44 | 4.2 | 2 | 1.183 | 1990–2002 |
| 7 | 8 | J MATER PROCESS TECH | | 0.54 | 0.40 | 3.8 | 2 | 0.615 | 1989–2001 |
| 8 | 2 | RELIAB ENG SYST SAFE | | 0.52 | 0.42 | 4.0 | 2 | 0.920 | 1981–2002 |
| 9 | 6 | COMPUT IND ENG | | 0.28 | 0.47 | 2.5 | 1 | 0.650 | 1975–2002 |
| 10 | 10 | J SCI IND RES INDIA | | 0.21 | 0.53 | 2.2 | 1 | 0.178 | 1960–1998 |
| 11 | 11 | R&D MAG | | -0.54 | 0.35 | 0.1 | 0 | 0.041 | 1990–2005 |

ENGINEERING, MANUFACTURING

ISI Category Description Engineering, Manufacturing covers resources on the conversion of raw materials into end-use products or processed materials. Topics in this category include computer-integrated manufacturing (CIM), computer-aided design (CAD), and computer-aided manufacturing (CAM); design of products, tools, and machines; quality control; scheduling; production; and inventory control.

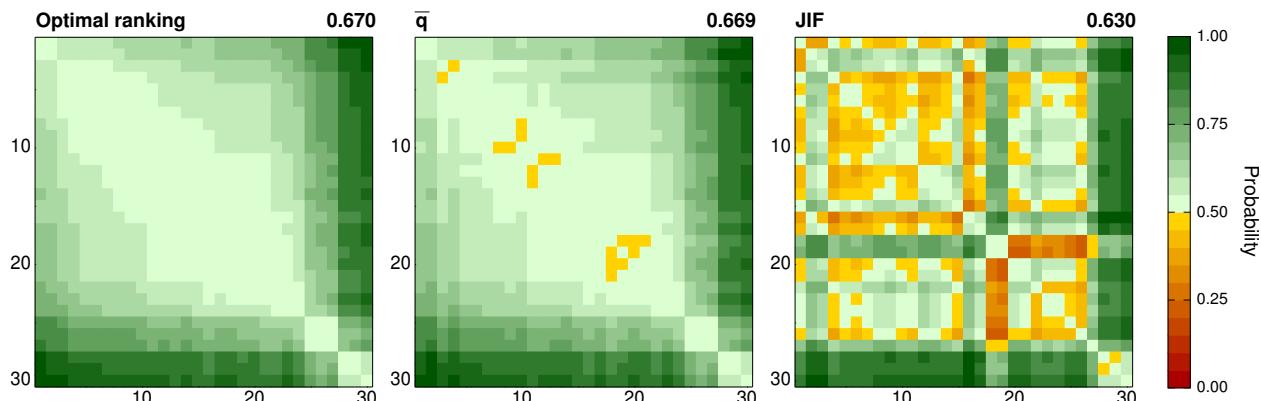


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | INT J PROD RES | 0.96 | 0.49 | 13.4 | 7 | 0.799 | 1986–1992 |
| 2 | 1 | INT J MACH TOOL MANU | 0.80 | 0.46 | 7.5 | 5 | 1.184 | 1989–1996 |
| 3 | 2 | INT J PROD ECON | 0.58 | 0.44 | 4.2 | 2 | 1.183 | 1990–2002 |
| 4 | 4 | J MATER PROCESS TECH | 0.54 | 0.40 | 3.8 | 2 | 0.615 | 1989–2001 |
| 5 | 5 | MANUF ENG | -0.52 | 0.47 | 0.2 | 0 | 0.067 | 1981–2003 |

ENGINEERING, MECHANICAL

ISI Category Description Engineering, Mechanical includes resources on the generation, transmission, and use of heat and mechanical power, as well as with the production and operation of tools, machinery, and their products. Topics in this category include heat transfer and thermodynamics, fatigue and fracture, wear, tribology, energy conversion, hydraulics, pneumatics, microelectronics, plasticity, strain analysis, and aerosol technology.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 16 | J HEAT TRANS-T ASME | | 1.02 | 0.37 | 13.1 | 8 | 0.886 | 1978–1994 |
| 2 | 2 | AEROSOL SCI TECH | | 1.03 | 0.41 | 15.1 | 8 | 2.905 | 1981–2000 |
| 3 | 3 | INT J HEAT MASS TRAN | | 0.93 | 0.34 | 10.4 | 7 | 1.482 | 1991–1997 |
| 4 | 12 | J HYDRAUL ENG-ASCE | | 0.94 | 0.45 | 12.2 | 7 | 1.004 | 1982–1995 |
| 5 | 9 | EXP FLUIDS | | 0.88 | 0.42 | 10.8 | 6 | 1.112 | 1983–1994 |
| 6 | 17 | J SOUND VIB | | 0.87 | 0.43 | 10.7 | 6 | 0.884 | 1966–1994 |
| 7 | 13 | J ENG MECH-ASCE | | 0.87 | 0.43 | 11.0 | 6 | 0.965 | 1982–1995 |
| 8 | 8 | WEAR | | 0.86 | 0.43 | 10.3 | 5 | 1.180 | 1965–1996 |
| 9 | 26 | J TURBOMACH | | 0.86 | 0.41 | 8.2 | 6 | 0.478 | 1989–1995 |
| 10 | 20 | J TRIBOL-T ASME | | 0.86 | 0.47 | 9.4 | 5 | 0.810 | 1988–1994 |
| 11 | 14 | INT J MECH SCI | | 0.80 | 0.45 | 9.4 | 4 | 0.950 | 1968–1997 |
| 12 | 10 | DRY TECHNOL | | 0.78 | 0.40 | 7.5 | 4 | 1.100 | 1989–1992 |
| 13 | 7 | INT J MACH TOOL MANU | | 0.80 | 0.46 | 7.5 | 5 | 1.184 | 1989–1996 |
| 14 | 21 | FATIGUE FRACT ENG M | | 0.78 | 0.38 | 7.3 | 4 | 0.756 | 1985–1999 |
| 15 | 5 | J ENG MATER-T ASME | | 0.77 | 0.45 | 10.5 | 4 | 1.239 | 1976–1999 |
| 16 | 1 | J AEROSOL SCI | | 0.77 | 0.50 | 9.6 | 4 | 2.952 | 1979–1999 |
| 17 | 11 | INT J FATIGUE | | 0.75 | 0.39 | 6.4 | 4 | 1.020 | 1982–2001 |
| 18 | 25 | TRIBOL T | | 0.71 | 0.40 | 6.6 | 4 | 0.507 | 1989–1997 |
| 19 | 23 | J FLUID ENG-T ASME | | 0.71 | 0.44 | 7.3 | 4 | 0.678 | 1982–1997 |
| 20 | 6 | INT J IMPACT ENG | | 0.70 | 0.43 | 6.9 | 3 | 1.195 | 1987–2000 |
| 21 | 24 | J VIB ACOUST | | 0.73 | 0.49 | 7.0 | 4 | 0.565 | 1984–1997 |
| 22 | 4 | J MECH DESIGN | | 0.69 | 0.45 | 6.1 | 3 | 1.252 | 1989–1998 |
| 23 | 15 | EXP THERM FLUID SCI | | 0.65 | 0.36 | 5.9 | 3 | 0.894 | 1987–2000 |

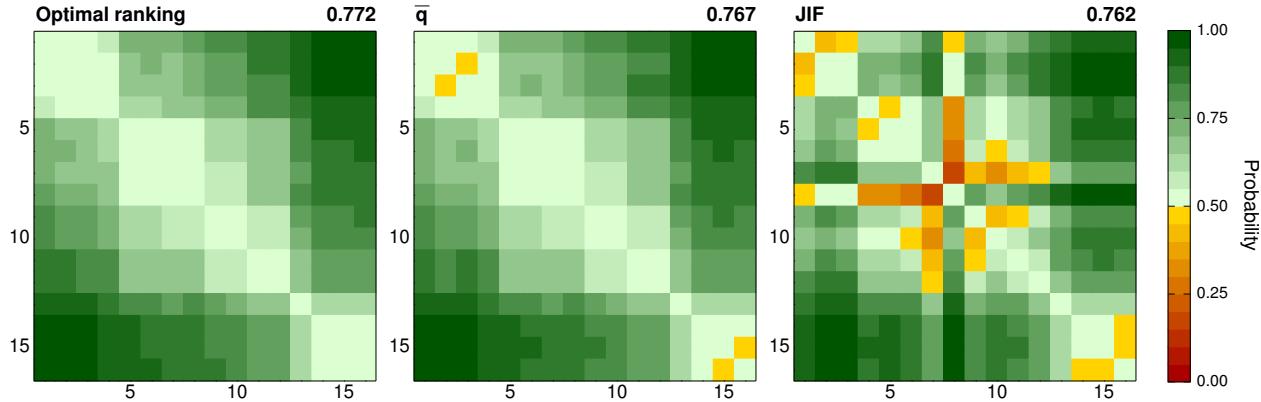
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| Rank | | | $p_{ss}(q J)$ | | n | Steady-state period | | |
|------|-----|----------------------|---------------|----------|-----------|---------------------|-------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 24 | 22 | MECH MACH THEORY | 0.58 | 0.39 | 4.9 | 3 | 0.750 | 1971–2001 |
| 25 | 27 | J ENG GAS TURB POWER | 0.40 | 0.46 | 3.4 | 1 | 0.304 | 1985–2001 |
| 26 | 18 | J PRESS VESS-T ASME | 0.31 | 0.47 | 2.8 | 1 | 0.843 | 1976–2000 |
| 27 | 19 | INT J PRES VES PIP | 0.29 | 0.42 | 2.2 | 1 | 0.830 | 1980–2003 |
| 28 | 29 | MECH ENG | -0.20 | 0.46 | 0.6 | 0 | 0.107 | 1965–1996 |
| 29 | 28 | ASHRAE J | -0.21 | 0.46 | 0.6 | 0 | 0.297 | 1971–2004 |
| 30 | 30 | J JPN SOC TRIBOLOGIS | -0.44 | 0.47 | 0.2 | 0 | 0.012 | 1988–2004 |

ENGINEERING, MULTIDISCIPLINARY

ISI Category Description Engineering, Multidisciplinary covers resources having a general or interdisciplinary approach to engineering. Relevant topics include computer science and mathematics in engineering, engineering education, reliability studies, and audio engineering.

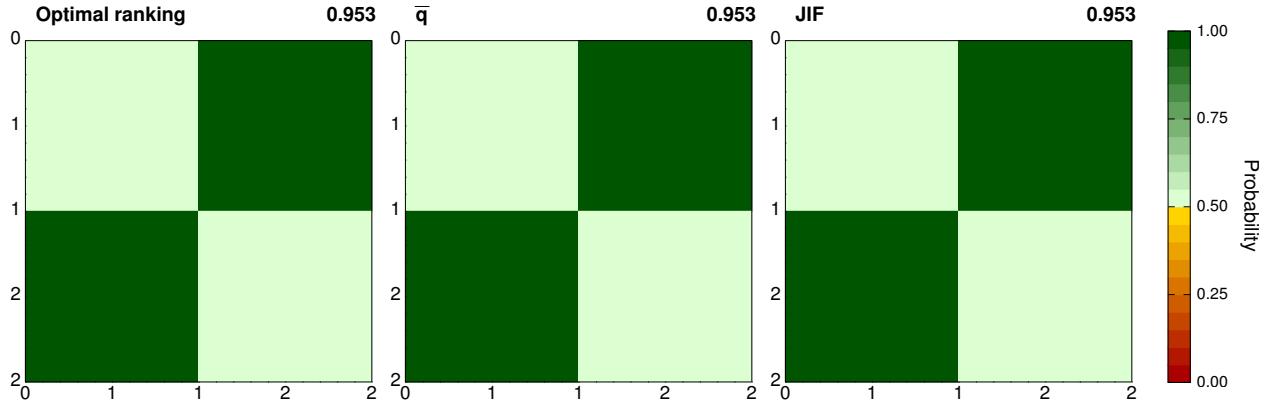


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | COMBUST FLAME | 1.09 | 0.40 | 16.2 | 10 | 1.828 | 1957–1999 |
| 2 | 3 | INT J NUMER METH ENG | 1.03 | 0.39 | 16.3 | 9 | 1.497 | 1990–1996 |
| 3 | 8 | COMBUST SCI TECHNOL | 1.04 | 0.42 | 15.0 | 9 | 0.651 | 1969–1992 |
| 4 | 1 | COMPUT METHOD APPL M | 0.97 | 0.47 | 17.8 | 7 | 2.015 | 1976–1998 |
| 5 | 5 | INT J ENG SCI | 0.69 | 0.44 | 7.7 | 3 | 1.060 | 1972–2000 |
| 6 | 4 | MEAS SCI TECHNOL | 0.68 | 0.42 | 6.5 | 3 | 1.228 | 1989–2000 |
| 7 | 10 | IEEE T IND APPL | 0.66 | 0.51 | 7.4 | 3 | 0.611 | 1990–1997 |
| 8 | 6 | ENG ANAL BOUND ELEM | 0.62 | 0.40 | 5.1 | 3 | 0.883 | 1984–2002 |
| 9 | 11 | APPL MATH MODEL | 0.47 | 0.43 | 4.0 | 2 | 0.583 | 1977–2002 |
| 10 | 9 | J AUDIO ENG SOC | 0.46 | 0.45 | 4.3 | 2 | 0.639 | 1964–2003 |
| 11 | 12 | J FRANKLIN I | 0.31 | 0.45 | 2.3 | 1 | 0.362 | 1985–2004 |
| 12 | 7 | INT J PRES VES PIP | 0.29 | 0.42 | 2.2 | 1 | 0.830 | 1980–2003 |
| 13 | 13 | COMBUST EXPLO SHOCK+ | -0.16 | 0.46 | 0.7 | 0 | 0.358 | 1972–2005 |
| 14 | 16 | INTECH | -0.45 | 0.34 | 0.1 | 0 | 0.031 | 1985–2001 |
| 15 | 14 | INSTRUM EXP TECH+ | -0.70 | 0.53 | 0.1 | 0 | 0.329 | 1963–2005 |
| 16 | 15 | MEAS TECH+ | -0.70 | 0.38 | 0.0 | 0 | 0.129 | 1971–2003 |

ENGINEERING, OCEAN

ISI Category Description Engineering, Ocean includes resources concerned with the development of equipment and techniques that allow humans to operate successfully beneath and on the surface of the ocean in order to develop and utilize marine resources.

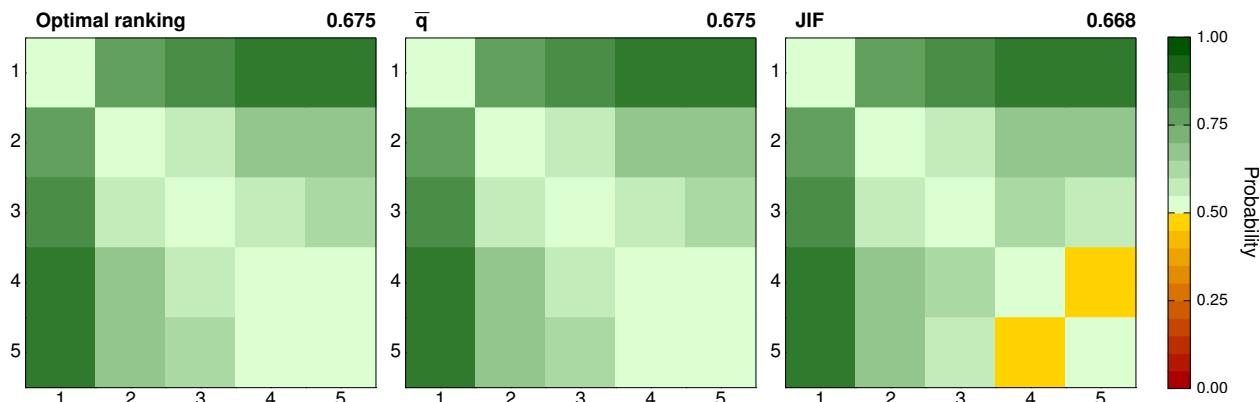


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|--------------------|----------------------|---------------|-----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | σ | \bar{n} | | | | |
| 1 | 1 | J ATMOS OCEAN TECH | 1.05 | 0.42 | 15.8 | 9 | 1.298 | 1988–1996 | |
| 2 | 2 | SEA TECHNOL | -0.46 | 0.51 | 0.4 | 0 | 0.096 | 1976–2006 | |

ENGINEERING, PETROLEUM

ISI Category Description Engineering, Petroleum covers resources that report on a combination of engineering concepts, methods, and techniques on drilling and extracting hydrocarbons and other fluids from the earth (e.g., chemical flooding, thermal flooding, miscible displacement techniques, and horizontal drilling) and on the refining process. Relevant topics in this category include drilling engineering, production engineering, reservoir engineering, and formation evaluation, which infers reservoir properties through indirect measurements.

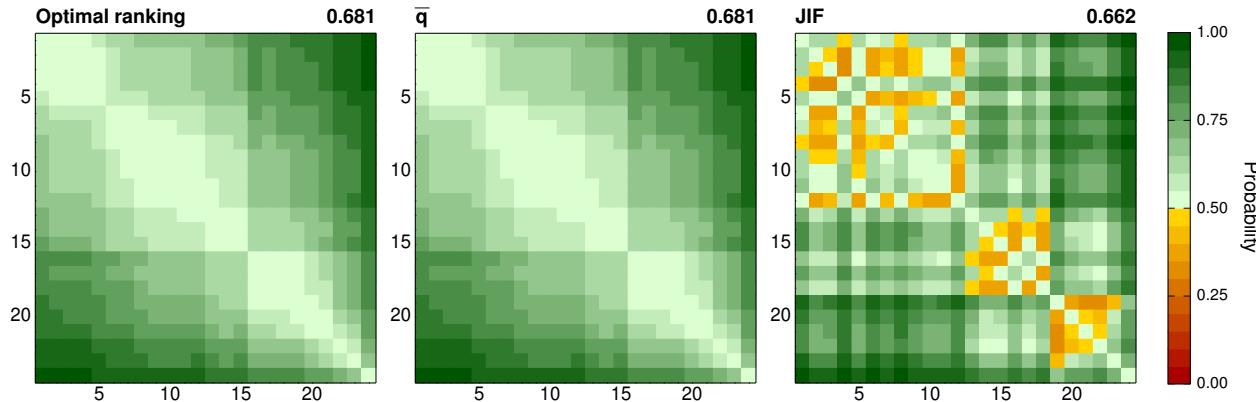


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | JIF | | \bar{q} | σ | | | | |
| 1 | 1 | AAPG BULL | | 1.04 | 0.68 | 21.0 | 8 | 1.553 | 1973–1994 |
| 2 | 2 | J CAN PETROL TECHNOL | | 0.03 | 0.52 | 1.6 | 0 | 0.273 | 1968–2003 |
| 3 | 3 | HYDROCARB PROCESS | | -0.25 | 0.52 | 0.8 | 0 | 0.145 | 1983–2005 |
| 4 | 5 | OIL GAS J | | -0.69 | 0.47 | 0.1 | 0 | 0.034 | 1999–2006 |
| 5 | 4 | CHEM TECH FUELS OIL+ | | -0.79 | 0.43 | 0.0 | 0 | 0.131 | 1976–2005 |

ENTOMOLOGY

ISI Category Description Entomology covers resources concerning many aspects of the study of insects, including general entomology, applied entomology, regional entomology, apidology, aquatic insects, insect biochemistry and physiology, economic entomology, integrated pest management, environmental entomology, and pesticide science.

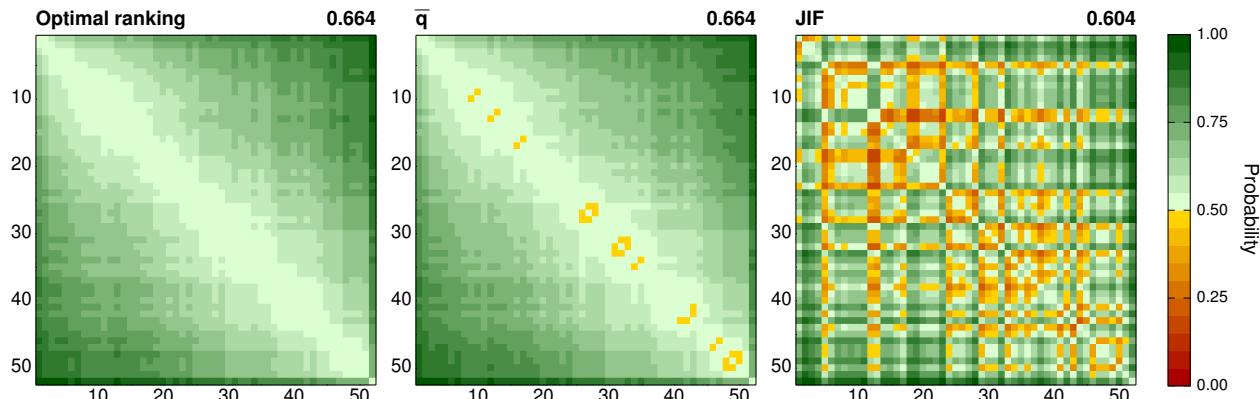


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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 4 | J INSECT PHYSIOL | 1.24 | 0.34 | 20.2 | 15 | 2.019 | 1970–1995 |
| 2 | 8 | PHYSIOL ENTOMOL | 1.18 | 0.35 | 17.8 | 12 | 1.355 | 1975–1995 |
| 3 | 1 | INSECT BIOCHEM MOLEC | 1.18 | 0.35 | 17.2 | 13 | 2.711 | 1991–1999 |
| 4 | 6 | ARCH INSECT BIOCHEM | 1.18 | 0.35 | 16.9 | 13 | 1.474 | 1982–1994 |
| 5 | 12 | PESTIC BIOCHEM PHYS | 1.16 | 0.38 | 18.2 | 12 | 1.189 | 1975–1993 |
| 6 | 7 | ENTOMOL EXP APPL | 1.07 | 0.37 | 14.3 | 10 | 1.391 | 1965–1995 |
| 7 | 9 | ENVIRON ENTOMOL | 1.04 | 0.33 | 12.4 | 9 | 1.344 | 1980–1995 |
| 8 | 3 | MED VET ENTOMOL | 1.02 | 0.37 | 12.3 | 8 | 2.033 | 1987–1998 |
| 9 | 2 | B ENTOMOL RES | 0.98 | 0.40 | 12.2 | 8 | 2.046 | 1964–1997 |
| 10 | 10 | ANN ENTOMOL SOC AM | 0.97 | 0.39 | 11.9 | 7 | 1.289 | 1965–1993 |
| 11 | 5 | J MED ENTOMOL | 0.96 | 0.39 | 11.5 | 7 | 1.950 | 1966–1998 |
| 12 | 11 | J ECON ENTOMOL | 0.95 | 0.36 | 10.9 | 7 | 1.275 | 1958–1997 |
| 13 | 16 | EXP APPL ACAROL | 0.90 | 0.38 | 8.8 | 6 | 0.716 | 1985–1999 |
| 14 | 18 | CAN ENTOMOL | 0.87 | 0.42 | 10.0 | 6 | 0.568 | 1963–1995 |
| 15 | 13 | J AM MOSQUITO CONTR | 0.86 | 0.38 | 8.5 | 6 | 0.895 | 1984–1996 |
| 16 | 15 | APPL ENTOMOL ZOOL | 0.69 | 0.36 | 4.9 | 4 | 0.770 | 1993–1999 |
| 17 | 17 | FLA ENTOMOL | 0.67 | 0.40 | 6.6 | 3 | 0.667 | 1976–1999 |
| 18 | 14 | J APPL ENTOMOL | 0.66 | 0.36 | 4.9 | 3 | 0.841 | 1990–2000 |
| 19 | 22 | J ENTOMOL SCI | 0.62 | 0.36 | 4.7 | 3 | 0.420 | 1984–1999 |
| 20 | 21 | J KANSAS ENTOMOL SOC | 0.56 | 0.41 | 4.0 | 2 | 0.472 | 1991–1998 |
| 21 | 20 | J PESTIC SCI | 0.53 | 0.46 | 3.8 | 2 | 0.548 | 1987–1999 |
| 22 | 23 | P ENTOMOL SOC WASH | 0.35 | 0.40 | 2.5 | 1 | 0.394 | 1965–2002 |
| 23 | 19 | ENTOMOL NEWS | 0.25 | 0.40 | 2.0 | 1 | 0.556 | 1976–2003 |
| 24 | 24 | AM BEE J | -0.26 | 0.67 | 1.1 | 0 | 0.087 | 1976–2004 |

ENVIRONMENTAL SCIENCES

ISI Category Description Environmental Sciences covers resources concerning many aspects of the study of the environment, among them environmental contamination and toxicology, environmental health, environmental monitoring, environmental geology, and environmental management. This category also includes soil science and conservation, water resources research and engineering and climate change.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ENVIRON SCI TECHNOL | 1.48 | 0.40 | 36.2 | 26 | 4.040 | 1995–1997 |
| 2 | 3 | CONSERV BIOL | 1.42 | 0.42 | 37.5 | 23 | 3.762 | 1988–1998 |
| 3 | 23 | WATER RESOUR RES | 1.34 | 0.44 | 33.2 | 19 | 1.894 | 1981–1992 |
| 4 | 19 | ENVIRON TOXICOL CHEM | 1.31 | 0.36 | 25.0 | 18 | 2.202 | 1983–1995 |
| 5 | 18 | J ENVIRON QUAL | 1.28 | 0.36 | 24.5 | 16 | 2.272 | 1973–1998 |
| 6 | 4 | REMOTE SENS ENVIRON | 1.27 | 0.40 | 26.7 | 16 | 3.064 | 1980–1998 |
| 7 | 28 | ESTUARIES | 1.24 | 0.36 | 21.7 | 14 | 1.563 | 1978–1997 |
| 8 | 7 | BIOL CONSERV | 1.21 | 0.38 | 22.1 | 14 | 2.854 | 1988–1996 |
| 9 | 9 | ENVIRON MOL MUTAGEN | 1.20 | 0.38 | 21.3 | 14 | 2.653 | 1985–1996 |
| 10 | 10 | ATMOS ENVIRON | 1.21 | 0.40 | 21.1 | 14 | 2.630 | 1989–1997 |
| 11 | 1 | ENVIRON HEALTH PERSP | 1.19 | 0.45 | 23.1 | 13 | 5.861 | 1985–2001 |
| 12 | 15 | WATER RES | 1.18 | 0.37 | 20.5 | 13 | 2.459 | 1966–1998 |
| 13 | 11 | APPL CATAL A-GEN | 1.18 | 0.34 | 16.8 | 13 | 2.630 | 1997–1999 |
| 14 | 32 | ARCH ENVIRON CON TOX | 1.17 | 0.36 | 17.5 | 12 | 1.419 | 1975–1995 |
| 15 | 14 | ENVIRON RES | 1.15 | 0.40 | 19.4 | 12 | 2.556 | 1966–1998 |
| 16 | 8 | ENVIRON POLLUT | 1.12 | 0.35 | 16.3 | 11 | 2.769 | 1978–2001 |
| 17 | 38 | J GREAT LAKES RES | 1.12 | 0.38 | 16.1 | 11 | 1.000 | 1982–1995 |
| 18 | 20 | MAR ENVIRON RES | 1.11 | 0.37 | 15.7 | 10 | 2.106 | 1977–1997 |
| 19 | 21 | MAR POLLUT BULL | 1.08 | 0.34 | 14.0 | 10 | 2.007 | 1995–2000 |
| 20 | 22 | ECOTOX ENVIRON SAFE | 1.06 | 0.37 | 13.7 | 9 | 2.000 | 1976–1999 |
| 21 | 44 | WATER ENVIRON RES | 1.07 | 0.44 | 14.0 | 9 | 0.665 | 1991–1996 |
| 22 | 27 | J TOXICOL ENV HEALTH | 1.03 | 0.38 | 14.6 | 8 | 1.811 | 1994–1996 |
| 23 | 6 | AEROSOL SCI TECH | 1.03 | 0.41 | 15.1 | 8 | 2.905 | 1981–2000 |

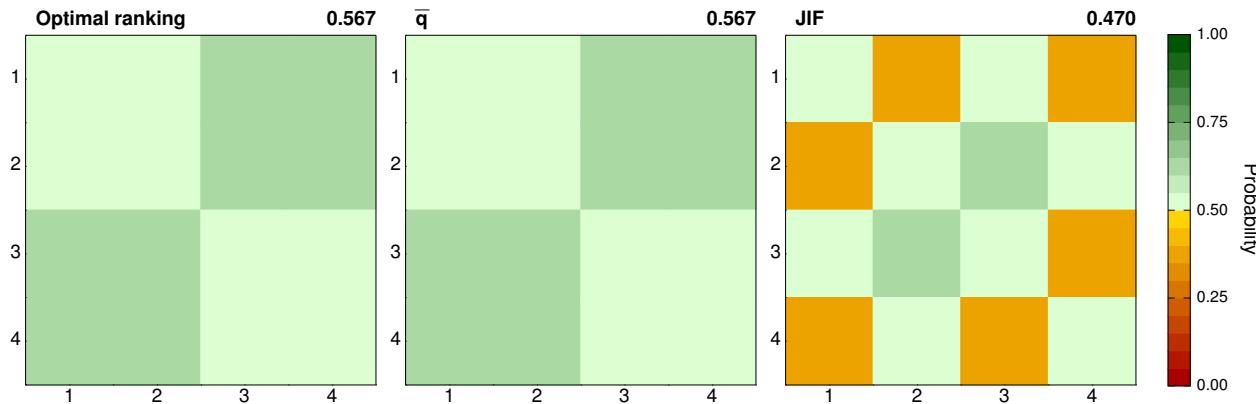
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 16 | CHEMOSPHERE | 1.00 | 0.32 | 11.5 | 8 | 2.442 | 2000–2002 |
| 25 | 35 | WATER AIR SOIL POLL | 1.00 | 0.41 | 13.9 | 8 | 1.205 | 1974–1995 |
| 26 | 42 | J ENVIRON ENG-ASCE | 0.95 | 0.37 | 11.5 | 7 | 0.725 | 1982–1998 |
| 27 | 39 | INT J ENVIRON AN CH | 0.95 | 0.37 | 11.7 | 7 | 0.917 | 1976–1996 |
| 28 | 25 | AGR ECOSYST ENVIRON | 0.97 | 0.44 | 11.4 | 7 | 1.832 | 1982–2001 |
| 29 | 37 | J ENVIRON RADIOACTIV | 0.94 | 0.35 | 9.8 | 7 | 1.073 | 1983–1998 |
| 30 | 17 | SCI TOTAL ENVIRON | 0.92 | 0.46 | 11.3 | 6 | 2.359 | 1980–1995 |
| 31 | 26 | ENVIRON EXP BOT | 0.88 | 0.37 | 9.4 | 6 | 1.820 | 1975–2003 |
| 32 | 40 | HEALTH PHYS | 0.89 | 0.43 | 10.5 | 6 | 0.902 | 1964–1994 |
| 33 | 45 | J COASTAL RES | 0.91 | 0.43 | 9.9 | 6 | 0.665 | 1989–1995 |
| 34 | 50 | B ENVIRON CONTAM TOX | 0.87 | 0.36 | 8.4 | 6 | 0.505 | 1987–1991 |
| 35 | 31 | AMBIO | 0.88 | 0.48 | 11.2 | 6 | 1.433 | 1994–2002 |
| 36 | 30 | J AIR WASTE MANAGE | 0.87 | 0.44 | 11.0 | 5 | 1.441 | 1989–2000 |
| 37 | 34 | J ARID ENVIRON | 0.83 | 0.38 | 7.8 | 5 | 1.238 | 1989–2000 |
| 38 | 48 | ENVIRON TECHNOL | 0.78 | 0.37 | 7.3 | 4 | 0.528 | 1989–1999 |
| 39 | 47 | J ENVIRON SCI HEAL B | 0.78 | 0.38 | 7.2 | 4 | 0.604 | 1975–1999 |
| 40 | 36 | ENVIRON MANAGE | 0.77 | 0.40 | 9.4 | 4 | 1.097 | 1976–2001 |
| 41 | 24 | J HAZARD MATER | 0.76 | 0.40 | 7.4 | 4 | 1.855 | 1990–2003 |
| 42 | 5 | J AEROSOL SCI | 0.77 | 0.50 | 9.6 | 4 | 2.952 | 1979–1999 |
| 43 | 12 | ENVIRON INT | 0.77 | 0.42 | 7.1 | 4 | 2.626 | 1996–2003 |
| 44 | 13 | INT J HYDROGEN ENERG | 0.70 | 0.42 | 6.7 | 4 | 2.612 | 1975–2004 |
| 45 | 29 | J ENVIRON MANAGE | 0.68 | 0.41 | 6.2 | 3 | 1.477 | 1973–2003 |
| 46 | 33 | ENERG POLICY | 0.64 | 0.38 | 5.2 | 3 | 1.362 | 1993–2001 |
| 47 | 41 | ENVIRON MONIT ASSESS | 0.65 | 0.44 | 5.9 | 3 | 0.793 | 1983–1999 |
| 48 | 49 | ANN CHIM-ROME | 0.57 | 0.38 | 4.4 | 3 | 0.516 | 1968–1998 |
| 49 | 43 | J ENVIRON SCI HEAL A | 0.57 | 0.41 | 4.6 | 2 | 0.669 | 1975–2000 |
| 50 | 51 | RADIAT PROT DOSIM | 0.57 | 0.43 | 4.6 | 2 | 0.446 | 1983–1999 |
| 51 | 46 | ACTA HYDROCH HYDROB | 0.55 | 0.43 | 4.5 | 2 | 0.632 | 1991–2001 |
| 52 | 52 | J ENVIRON BIOL | 0.14 | 0.39 | 1.2 | 1 | 0.197 | 1980–2003 |

ENVIRONMENTAL STUDIES

ISI Category Description Environmental Studies covers resources that are multidisciplinary in nature. These include environmental policy, regional science, planning and law, management of natural resources, energy policy, and environmental psychology.

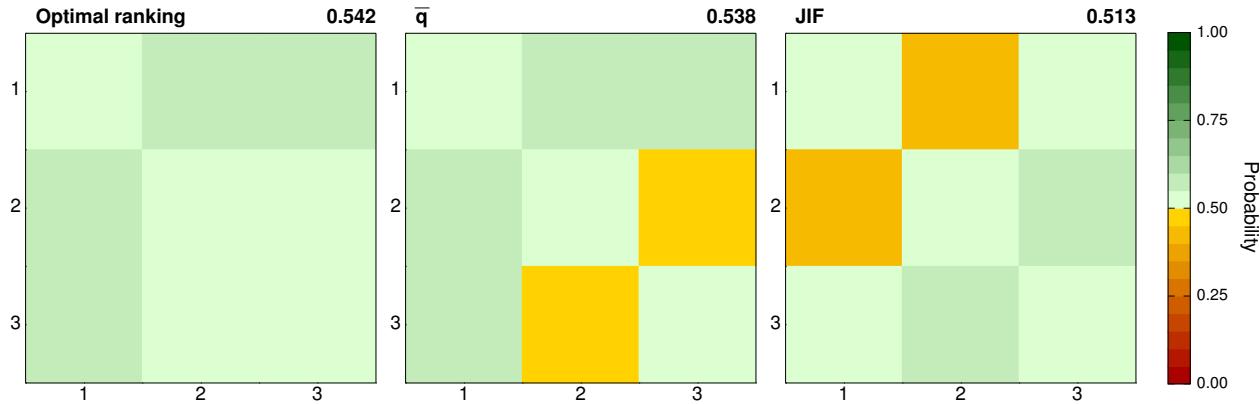


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | | |
| 1 | 4 | URBAN STUD | 0.83 | 0.39 | 8.7 | 5 | 0.992 | 1963–2002 | | |
| 2 | 2 | ENVIRON PLANN A | 0.83 | 0.40 | 8.6 | 5 | 1.610 | 1972–2002 | | |
| 3 | 1 | LANDSCAPE URBAN PLAN | 0.67 | 0.41 | 5.3 | 3 | 2.029 | 1985–2004 | | |
| 4 | 3 | ENERG POLICY | 0.64 | 0.38 | 5.2 | 3 | 1.362 | 1993–2001 | | |

ERGONOMICS

ISI Category Description Ergonomics includes resources concerned with the study of the relationship between humans and machines, particularly in a work environment. This category also covers resources on cybernetics, general systems, artificial intelligence, and systems research.

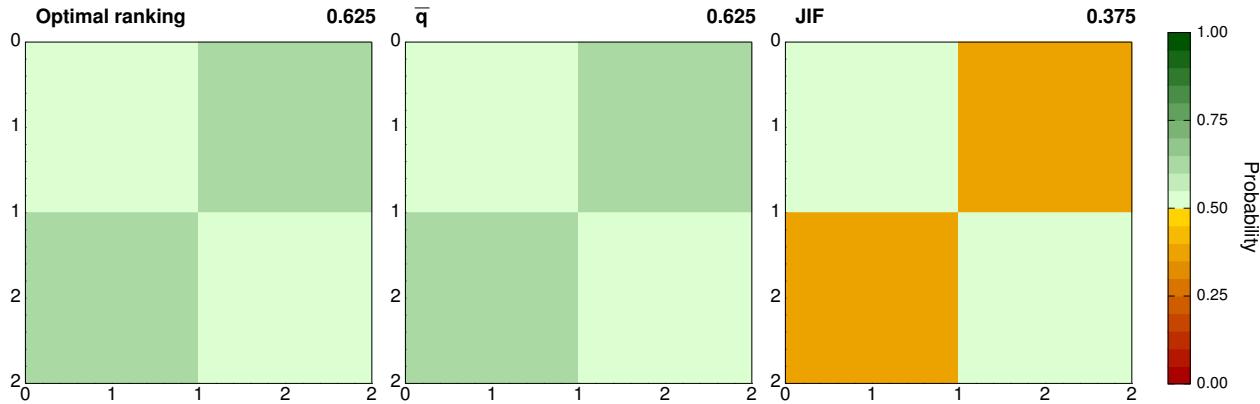


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | | | $p_{ss}(q J)$ | | | n | Steady-state period | |
|------|-----|----------------------|---------------|----------|-----------|----|---------------------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 1 | 2 | HUM FACTORS | 1.08 | 0.40 | 15.6 | 10 | 0.861 | 1980–1996 |
| 2 | 1 | ACCIDENT ANAL PREV | 0.95 | 0.38 | 11.2 | 7 | 1.587 | 1974–2001 |
| 3 | 3 | ERGONOMICS | 0.96 | 0.46 | 13.1 | 7 | 0.826 | 1957–1994 |

ETHICS

ISI Category Description Ethics covers resources on normative ethics, including all aspects of the evaluation of human conduct and social relations, such as business ethics, medical ethics, environmental ethics, etc. Descriptive ethics is covered extensively in A&HCI, Philosophy.

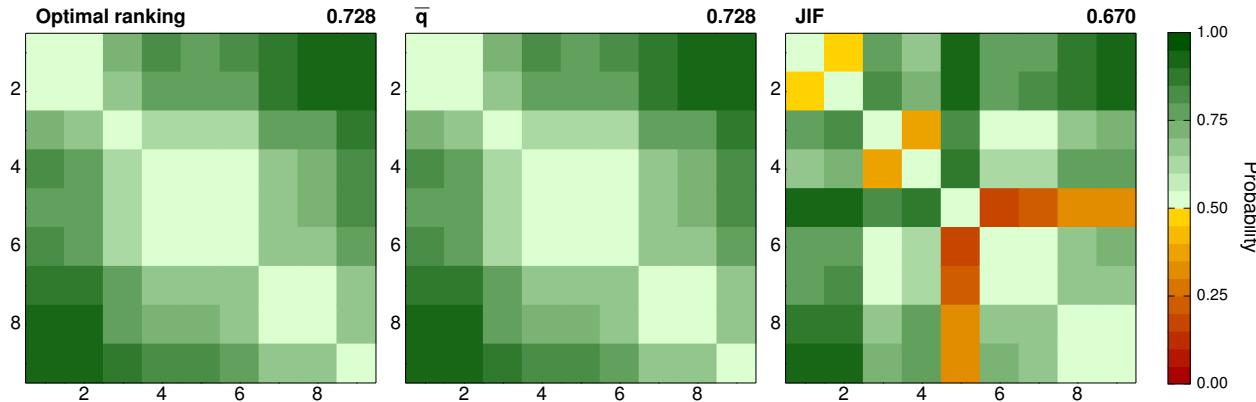


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|-----------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 2 | 0.84 | J BUS ETHICS | 0.34 | 9.1 | 5 | 0.597 | 1986–1996 | | |
| 2 | 1 | 0.66 | HASTINGS CENT REP | 0.61 | 7.8 | 3 | 1.848 | 1992–1999 | | |

EVOLUTIONARY BIOLOGY

ISI Category Description Evolutionary Biology covers resources concerning the molecular, natural selection, and population mechanisms of evolution; the evolution of species and related groups; the classification of organisms based on evolutionary relationships; and the biology and ecology of extinct organisms.

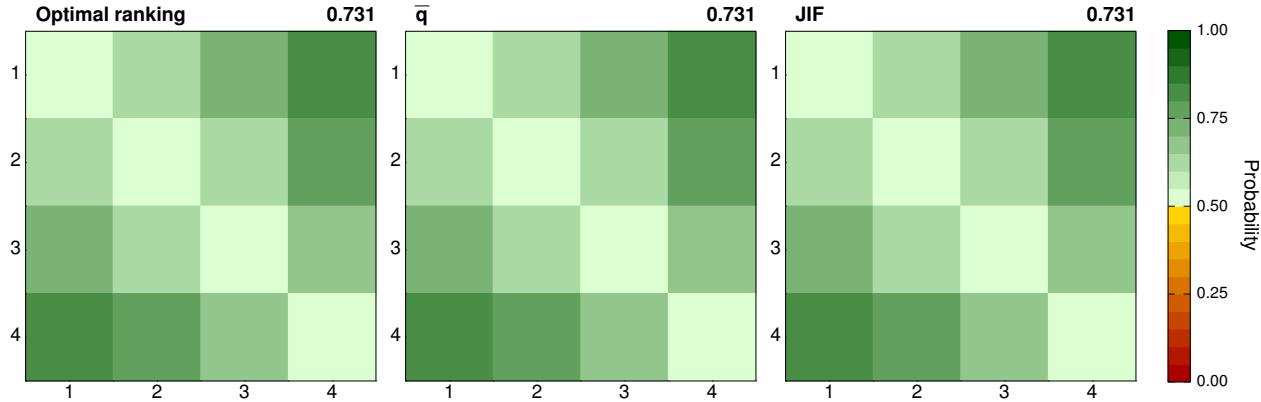


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | EVOLUTION | 1.67 | 0.35 | 69.8 | 43 | 4.292 | 1973–1993 | |
| 2 | 1 | MOL BIOL EVOL | 1.60 | 0.35 | 72.9 | 35 | 6.726 | 1983–1998 | |
| 3 | 4 | J MOL EVOL | 1.37 | 0.38 | 40.4 | 20 | 2.767 | 1971–1999 | |
| 4 | 3 | J HUM EVOL | 1.22 | 0.35 | 18.1 | 14 | 3.267 | 1989–2000 | |
| 5 | 6 | BIOL J LINN SOC | 1.20 | 0.38 | 23.9 | 13 | 2.445 | 1973–1999 | |
| 6 | 7 | AM J PHYS ANTHROPOL | 1.19 | 0.40 | 19.2 | 13 | 2.136 | 1955–1992 | |
| 7 | 8 | PLANT SYST EVOL | 0.93 | 0.43 | 10.8 | 7 | 1.239 | 1973–2000 | |
| 8 | 9 | BIOCHEM SYST ECOL | 0.89 | 0.36 | 9.2 | 6 | 0.906 | 1980–1994 | |
| 9 | 5 | TAXON | 0.58 | 0.49 | 6.4 | 2 | 2.519 | 1975–2003 | |

FAMILY STUDIES

ISI Category Description Family Studies includes resources on such issues and areas as family therapy, family law, marriage, divorce, family planning, and family history. Cross-disciplinary in nature, many resources in this category also appear in other categories.

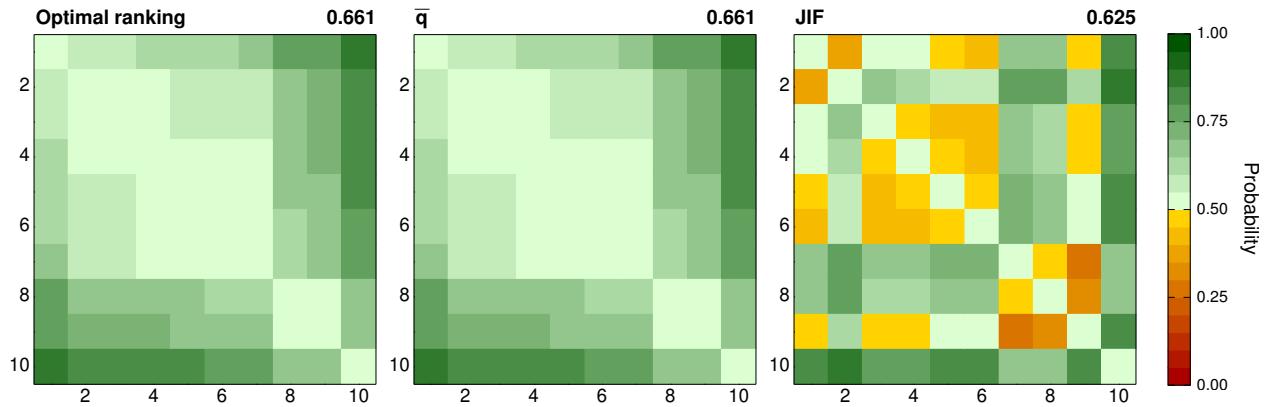


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | J MARRIAGE FAM | 1.34 | 0.41 | 31.6 | 19 | 1.763 | 1975–1994 | |
| 2 | 2 | CHILD ABUSE NEGLECT | 1.14 | 0.31 | 18.3 | 12 | 1.623 | 1994–1996 | |
| 3 | 3 | FAM RELAT | 0.96 | 0.38 | 11.6 | 7 | 0.731 | 1981–1998 | |
| 4 | 4 | CHILD WELFARE | 0.71 | 0.41 | 6.3 | 4 | 0.500 | 1977–2001 | |

FISHERIES

ISI Category Description Fisheries covers resources concerning numerous aspects of fisheries science, technology and industry, including fish pathology, fish physiology and biochemistry, fish diseases and aquaculture.

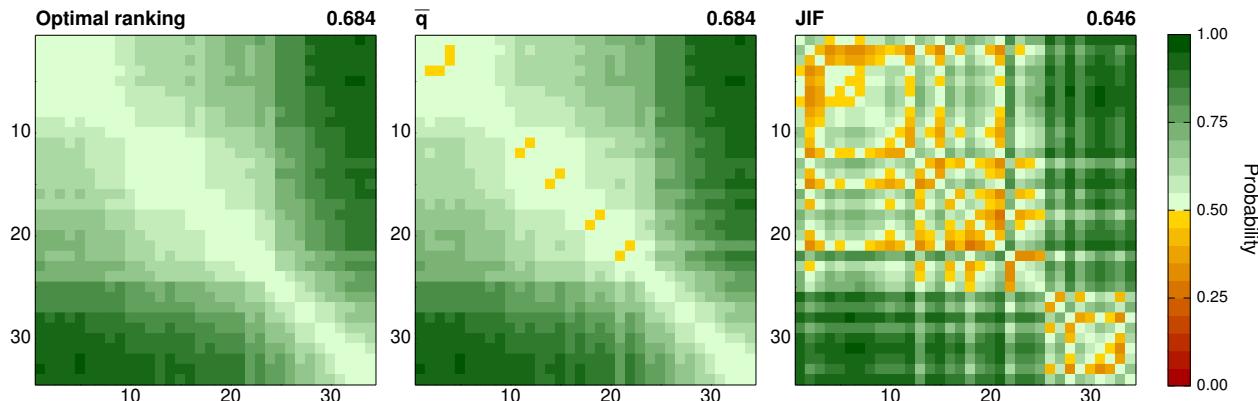


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 2 | 2 | CAN J FISH AQUAT SCI | 1.35 | 0.34 | 28.4 | 20 | 1.882 | 1988–1993 |
| 2 | 6 | 6 | T AM FISH SOC | 1.24 | 0.38 | 22.8 | 14 | 1.386 | 1964–1995 |
| 3 | 5 | 5 | J FISH BIOL | 1.23 | 0.37 | 21.1 | 14 | 1.393 | 1968–1993 |
| 4 | 9 | 9 | FISH PHYSIOL BIOCHEM | 1.20 | 0.36 | 19.1 | 14 | 0.558 | 1986–1995 |
| 5 | 1 | 1 | AQUACULTURE | 1.16 | 0.33 | 16.0 | 12 | 2.081 | 1993–1999 |
| 6 | 4 | 4 | FISH B-NOAA | 1.15 | 0.33 | 16.5 | 12 | 1.403 | 1988–1995 |
| 7 | 3 | 3 | DIS AQUAT ORGAN | 1.15 | 0.35 | 16.3 | 11 | 1.509 | 1984–1999 |
| 8 | 8 | 8 | NEW ZEAL J MAR FRESH | 0.94 | 0.37 | 10.7 | 7 | 0.931 | 1976–1998 |
| 9 | 7 | 7 | FISH RES | 0.90 | 0.38 | 9.0 | 6 | 1.216 | 1980–2000 |
| 10 | 10 | 10 | NIPPON SUISAN GAKK | 0.61 | 0.47 | 5.8 | 3 | 0.176 | 1986–1993 |

FOOD SCIENCE & TECHNOLOGY

ISI Category Description Food Science & Technology covers resources concerning various aspects of food research and production, including food additives and contaminants, food chemistry and biochemistry, meat science, food microbiology and technology, dairy science, food engineering and processing, cereal science, brewing, and food quality and safety.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 7 | J CEREAL SCI | 1.21 | 0.37 | 20.2 | 14 | 2.046 | 1987–1996 |
| 2 | 4 | J AGR FOOD CHEM | 1.20 | 0.38 | 21.2 | 13 | 2.322 | 1966–1994 |
| 3 | 1 | INT J FOOD MICROBIOL | 1.20 | 0.37 | 19.5 | 13 | 2.608 | 1983–2000 |
| 4 | 12 | J DAIRY RES | 1.20 | 0.40 | 20.1 | 13 | 1.407 | 1954–1998 |
| 5 | 6 | BIOTECHNOL PROGR | 1.19 | 0.35 | 19.2 | 13 | 2.102 | 1984–1998 |
| 6 | 15 | CEREAL CHEM | 1.17 | 0.38 | 19.3 | 12 | 1.254 | 1954–1995 |
| 7 | 21 | J FOOD SCI | 1.15 | 0.37 | 17.9 | 12 | 1.004 | 1960–1995 |
| 8 | 5 | J DAIRY SCI | 1.14 | 0.40 | 18.8 | 11 | 2.284 | 1958–1998 |
| 9 | 8 | J FOOD PROTECT | 1.13 | 0.36 | 16.0 | 11 | 1.921 | 1992–1999 |
| 10 | 9 | MEAT SCI | 1.07 | 0.39 | 15.0 | 10 | 1.840 | 1979–2000 |
| 11 | 3 | FOOD CHEM TOXICOL | 1.04 | 0.37 | 14.3 | 9 | 2.393 | 1981–1999 |
| 12 | 11 | J FOOD ENG | 1.05 | 0.41 | 12.7 | 9 | 1.696 | 1991–1995 |
| 13 | 20 | AM J ENOL VITICULT | 1.03 | 0.42 | 13.9 | 8 | 1.009 | 1967–2000 |
| 14 | 14 | BIOSCI BIOTECH BIOCH | 1.00 | 0.35 | 12.1 | 8 | 1.256 | 1991–1994 |
| 15 | 17 | J SCI FOOD AGR | 1.00 | 0.40 | 12.8 | 8 | 1.026 | 1986–1996 |
| 16 | 10 | FOOD ADDIT CONTAM | 0.97 | 0.37 | 11.4 | 8 | 1.780 | 1985–2001 |
| 17 | 23 | J AM OIL CHEM SOC | 0.98 | 0.46 | 15.0 | 7 | 0.910 | 1955–1991 |
| 18 | 2 | FOOD CHEM | 0.91 | 0.37 | 9.9 | 6 | 2.433 | 1976–2002 |
| 19 | 19 | J I BREWING | 0.91 | 0.43 | 10.3 | 6 | 1.012 | 1968–1994 |
| 20 | 24 | INT J FOOD SCI TECH | 0.87 | 0.39 | 9.1 | 5 | 0.832 | 1990–2000 |
| 21 | 16 | STARCKE-STARKE | 0.86 | 0.40 | 9.6 | 6 | 1.136 | 1984–2001 |
| 22 | 13 | J AOAC INT | 0.87 | 0.56 | 11.0 | 5 | 1.352 | 1991–1996 |
| 23 | 25 | MILCHWISSENSCHAFT | 0.79 | 0.42 | 7.9 | 5 | 0.528 | 1975–1997 |

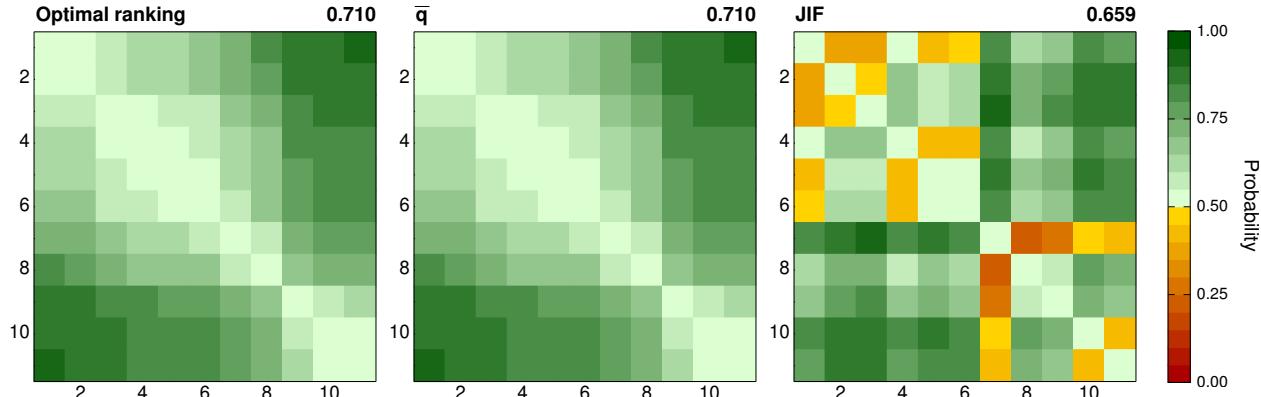
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 18 | FOOD TECHNOL-CHICAGO | 0.74 | 0.60 | 11.1 | 3 | 1.024 | 1972–1998 |
| 25 | 22 | NAHRUNG | 0.59 | 0.38 | 4.6 | 3 | 0.978 | 1994–2001 |
| 26 | 27 | DEUT LEBENSM-RUNDSCH | 0.55 | 0.42 | 4.4 | 2 | 0.414 | 1976–1997 |
| 27 | 29 | CEREAL FOOD WORLD | 0.47 | 0.62 | 4.9 | 1 | 0.200 | 1974–2000 |
| 28 | 33 | J FOOD SCI TECH MYS | 0.38 | 0.38 | 2.6 | 1 | 0.107 | 1975–1998 |
| 29 | 26 | J FOOD HYG SOC JPN | 0.28 | 0.48 | 2.3 | 1 | 0.451 | 1983–2001 |
| 30 | 30 | ZUCKERINDUSTRIE | 0.23 | 0.49 | 2.0 | 1 | 0.168 | 1977–2000 |
| 31 | 32 | FLEISCHWIRTSCHAFT | 0.12 | 0.52 | 1.7 | 0 | 0.115 | 1977–1998 |
| 32 | 28 | FOOD DRUG LAW J | 0.04 | 0.48 | 1.2 | 0 | 0.397 | 1972–2005 |
| 33 | 31 | J JPN SOC FOOD SCI | 0.01 | 0.46 | 1.2 | 0 | 0.135 | 1977–2000 |
| 34 | 34 | FOOD AUST | -0.07 | 0.56 | 1.3 | 0 | 0.088 | 1987–2003 |

FORESTRY

ISI Category Description Forestry covers resources concerning the science and technology involved in establishing, maintaining and managing forests for various uses, including wood production, water resource management, wildlife conservation and recreation.

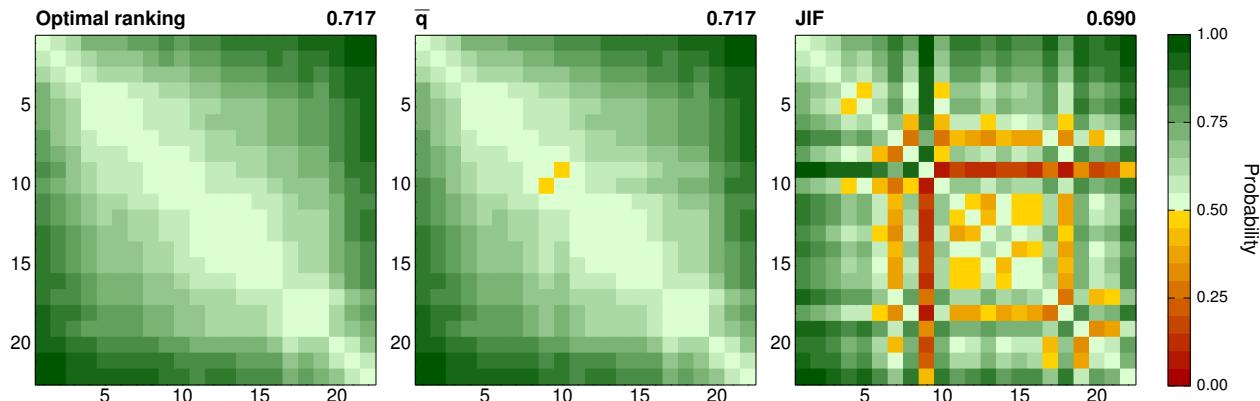


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 3 | TREE PHYSIOL | 1.29 | 0.35 | 22.5 | 16 | 2.297 | 1986–1999 | |
| 2 | 2 | J VEG SCI | 1.28 | 0.36 | 22.4 | 16 | 2.382 | 1989–1999 | |
| 3 | 5 | CAN J FOREST RES | 1.19 | 0.40 | 20.2 | 13 | 1.549 | 1976–1993 | |
| 4 | 6 | FOREST SCI | 1.12 | 0.38 | 17.1 | 11 | 1.457 | 1965–1994 | |
| 5 | 1 | AGR FOREST METEOROL | 1.09 | 0.39 | 17.3 | 10 | 2.903 | 1983–2002 | |
| 6 | 4 | FOREST ECOL MANAG | 1.03 | 0.37 | 13.2 | 9 | 1.839 | 1975–2000 | |
| 7 | 8 | HOLZFORSCHUNG | 0.94 | 0.41 | 11.5 | 7 | 1.014 | 1965–1999 | |
| 8 | 9 | AGROFOREST SYST | 0.81 | 0.30 | 7.1 | 5 | 0.921 | 1999–2001 | |
| 9 | 11 | FOREST PROD J | 0.56 | 0.39 | 4.3 | 2 | 0.387 | 1975–2000 | |
| 10 | 10 | FOREST CHRON | 0.41 | 0.54 | 3.8 | 1 | 0.831 | 1965–2001 | |
| 11 | 7 | J FOREST | 0.38 | 0.52 | 3.7 | 1 | 1.188 | 1965–2003 | |

GASTROENTEROLOGY & HEPATOLOGY

ISI Category Description Gastroenterology & Hepatology covers resources on the anatomy, physiology, biochemistry, and pathology of the digestive system. This category includes specific resources on the prognosis and treatment of digestive diseases; stomach ulcers; metabolic, genetic, infectious and chemically induced diseases of the liver; colitis; diseases of the pancreas and diseases of the rectum.

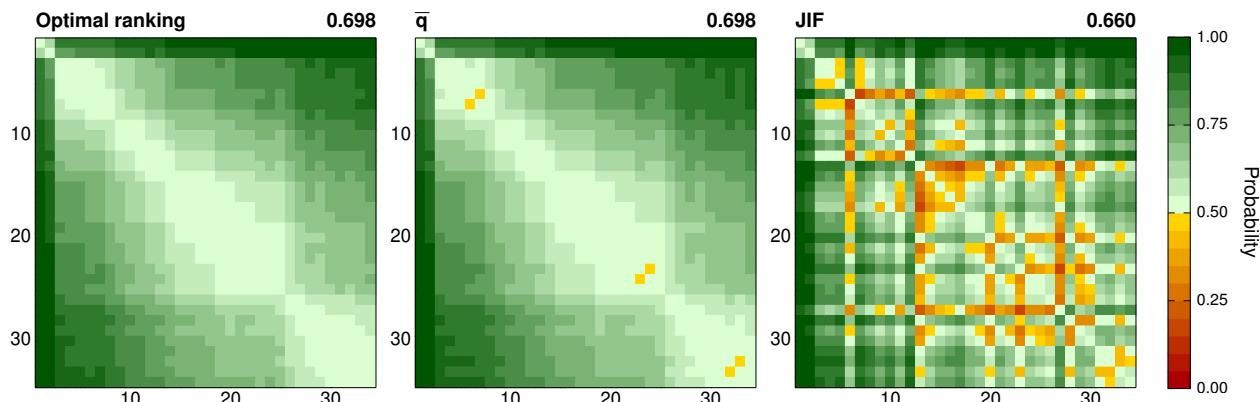


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | GASTROENTEROLOGY | 1.66 | 0.38 | 61.4 | 41 | 12.457 | 1969–1998 |
| 2 | 2 | HEPATOLOGY | 1.54 | 0.37 | 47.9 | 31 | 10.446 | 1980–2000 |
| 3 | 3 | GUT | 1.46 | 0.40 | 38.9 | 25 | 9.002 | 1959–2000 |
| 4 | 5 | AM J GASTROENTEROL | 1.34 | 0.37 | 28.9 | 19 | 5.608 | 1992–1994 |
| 5 | 10 | DIS COLON RECTUM | 1.31 | 0.41 | 24.4 | 17 | 2.442 | 1989–1995 |
| 6 | 4 | J HEPATOL | 1.29 | 0.37 | 24.8 | 16 | 6.073 | 1984–2000 |
| 7 | 8 | ALIMENT PHARM THERAP | 1.25 | 0.37 | 22.8 | 15 | 3.287 | 1992–1999 |
| 8 | 18 | DIGEST DIS SCI | 1.21 | 0.37 | 21.5 | 13 | 1.448 | 1991–1995 |
| 9 | 13 | J PEDIATR GASTR NUTR | 1.17 | 0.36 | 17.5 | 12 | 2.067 | 1993–1995 |
| 10 | 6 | GASTROINTEST ENDOSC | 1.17 | 0.48 | 21.0 | 11 | 4.825 | 1973–1999 |
| 11 | 15 | SCAND J GASTROENTERO | 1.09 | 0.43 | 17.2 | 10 | 1.869 | 1967–1998 |
| 12 | 16 | DIGESTION | 1.05 | 0.39 | 15.2 | 9 | 1.826 | 1967–2000 |
| 13 | 12 | PANCREAS | 1.04 | 0.36 | 13.2 | 9 | 2.121 | 1986–1998 |
| 14 | 11 | J CLIN GASTROENTEROL | 1.01 | 0.37 | 12.8 | 8 | 2.403 | 1978–1995 |
| 15 | 14 | EUR J GASTROEN HEPAT | 1.00 | 0.38 | 11.6 | 8 | 1.895 | 1996–1999 |
| 16 | 20 | HEPATO-GASTROENTEROL | 0.94 | 0.37 | 10.3 | 7 | 0.756 | 1979–1997 |
| 17 | 7 | ENDOSCOPY | 0.86 | 0.53 | 10.9 | 5 | 3.605 | 1995–2001 |
| 18 | 21 | GASTROEN CLIN BIOL | 0.83 | 0.37 | 7.7 | 5 | 0.749 | 1976–1995 |
| 19 | 17 | J GASTROEN HEPATOL | 0.83 | 0.44 | 9.2 | 5 | 1.785 | 1989–2000 |
| 20 | 19 | Z GASTROENTEROL | 0.63 | 0.43 | 5.6 | 3 | 1.293 | 1990–1999 |
| 21 | 22 | ACTA GASTRO-ENT BELG | 0.47 | 0.45 | 3.4 | 2 | 0.736 | 1991–2002 |
| 22 | 9 | CURR OPIN GASTROEN | 0.31 | 0.48 | 2.5 | 1 | 3.045 | 1990–2005 |

GENETICS & HEREDITY

ISI Category Description Genetics & Heredity includes resources that deal with the structure, functions, and properties of genes, and the characteristics of inheritance. This category also considers heritable traits, population genetics, frequency and distribution of polymorphism, as well as inherited diseases and disorders of the replicative process. The category is distinguishable from Biochemistry & Molecular Biology by its specific emphasis on the gene as a single functional unit, and on the gene's effect on the organism as a whole.



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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----------|-----|--------|-----------|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | NAT GENET | 2.19 | 0.31 | 193.0 | 152 | 24.176 | 1991–1998 | |
| 2 | 2 | GENE DEV | 2.04 | 0.30 | 143.5 | 106 | 15.050 | 1988–1996 | |
| 3 | 7 | EVOLUTION | 1.67 | 0.35 | 69.8 | 43 | 4.292 | 1973–1993 | |
| 4 | 5 | ONCOGENE | 1.66 | 0.36 | 60.4 | 41 | 6.582 | 1992–1995 | |
| 5 | 3 | AM J HUM GENET | 1.66 | 0.35 | 60.1 | 40 | 12.629 | 1989–2001 | |
| 6 | 4 | MOL BIOL EVOL | 1.60 | 0.35 | 72.9 | 35 | 6.726 | 1983–1998 | |
| 7 | 12 | GENOMICS | 1.61 | 0.31 | 54.6 | 35 | 3.558 | 1987–1991 | |
| 8 | 8 | GENETICS | 1.55 | 0.36 | 56.3 | 31 | 4.242 | 1986–1995 | |
| 9 | 10 | GENE CHROMOSOME CANC | 1.48 | 0.33 | 35.4 | 27 | 3.900 | 1995–1998 | |
| 10 | 17 | GENE | 1.48 | 0.40 | 63.8 | 25 | 2.721 | 1976–1990 | |
| 11 | 27 | DNA CELL BIOL | 1.44 | 0.36 | 45.5 | 25 | 1.905 | 1989–1991 | |
| 12 | 9 | CHROMOSOMA | 1.38 | 0.37 | 34.4 | 21 | 4.065 | 1955–1996 | |
| 13 | 16 | J MOL EVOL | 1.37 | 0.38 | 40.4 | 20 | 2.767 | 1971–1999 | |
| 14 | 15 | IMMUNOGENETICS | 1.32 | 0.37 | 27.7 | 18 | 2.852 | 1976–1995 | |
| 15 | 11 | HUM GENET | 1.27 | 0.36 | 24.5 | 16 | 3.662 | 1975–1999 | |
| 16 | 21 | CURR GENET | 1.28 | 0.37 | 23.4 | 16 | 2.220 | 1978–1992 | |
| 17 | 18 | THEOR APPL GENET | 1.25 | 0.40 | 23.9 | 15 | 2.715 | 1985–1999 | |
| 18 | 29 | CANCER GENET CYTOGEN | 1.24 | 0.39 | 25.2 | 14 | 1.544 | 1980–1990 | |
| 19 | 19 | ENVIRON MOL MUTAGEN | 1.20 | 0.38 | 21.3 | 14 | 2.653 | 1985–1996 | |
| 20 | 24 | GENET RES | 1.20 | 0.41 | 22.3 | 13 | 2.000 | 1966–1999 | |
| 21 | 14 | HEREDITY | 1.20 | 0.36 | 19.8 | 13 | 2.872 | 1984–1998 | |
| 22 | 6 | J MED GENET | 1.19 | 0.37 | 20.1 | 13 | 5.087 | 1970–1999 | |

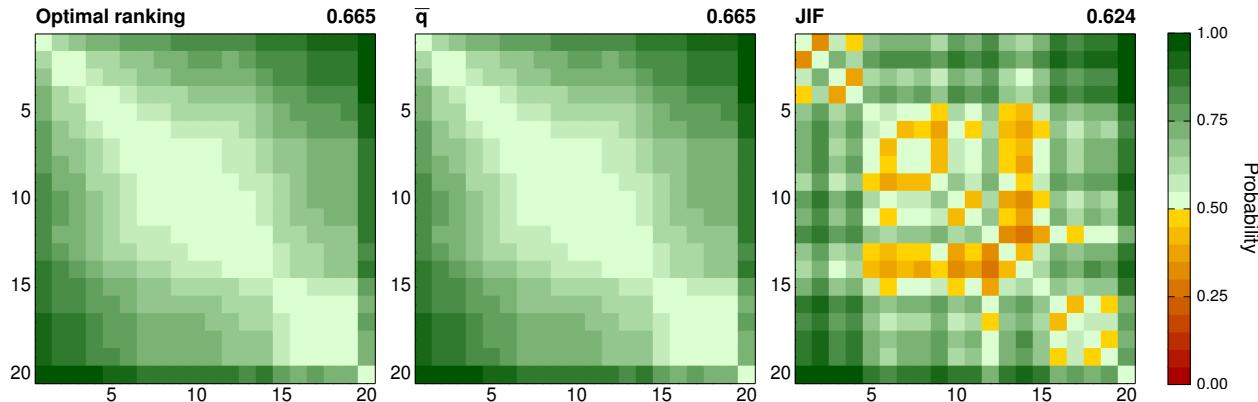
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 22 | MUTAGENESIS | 1.15 | 0.35 | 18.4 | 12 | 2.125 | 1985–1993 |
| 24 | 30 | PRENATAL DIAG | 1.15 | 0.34 | 17.1 | 12 | 1.514 | 1985–1995 |
| 25 | 25 | GENOME | 1.14 | 0.38 | 19.0 | 11 | 1.972 | 1992–1997 |
| 26 | 26 | J HERED | 1.06 | 0.39 | 16.6 | 9 | 1.942 | 1966–1998 |
| 27 | 33 | HUM BIOL | 1.00 | 0.38 | 13.2 | 8 | 1.132 | 1977–1999 |
| 28 | 13 | CLIN GENET | 0.97 | 0.35 | 10.7 | 7 | 3.140 | 1989–2001 |
| 29 | 20 | MAMM GENOME | 0.96 | 0.39 | 12.5 | 7 | 2.279 | 1997–2002 |
| 30 | 28 | J INHERIT METAB DIS | 0.92 | 0.39 | 10.5 | 6 | 1.574 | 1980–1998 |
| 31 | 23 | HUM HERED | 0.90 | 0.39 | 11.8 | 6 | 2.051 | 1971–2003 |
| 32 | 31 | GENETICA | 0.91 | 0.43 | 10.9 | 6 | 1.492 | 1960–1999 |
| 33 | 34 | BIOCHEM GENET | 0.90 | 0.40 | 9.4 | 6 | 0.876 | 1986–1997 |
| 34 | 32 | HEREDITAS | 0.86 | 0.38 | 8.3 | 5 | 1.269 | 1985–1998 |

GEOCHEMISTRY & GEOPHYSICS

ISI Category Description Resources in this category may focus on either Geochemistry or Geophysics or both. Geochemistry covers resources that deal with the chemical composition and chemical changes in the Earth or other planets or asteroids. Topics include research on related chemical and geological properties of substances, applied geochemistry, organic geochemistry, and biogeochemistry. Geophysics covers resources on the application of the methods and techniques of physics to the study of the structure of the Earth and the processes affecting it. Topics addressed include seismology, tectonics, tectonophysics, geomagnetism, radioactivity, and rock mechanics.

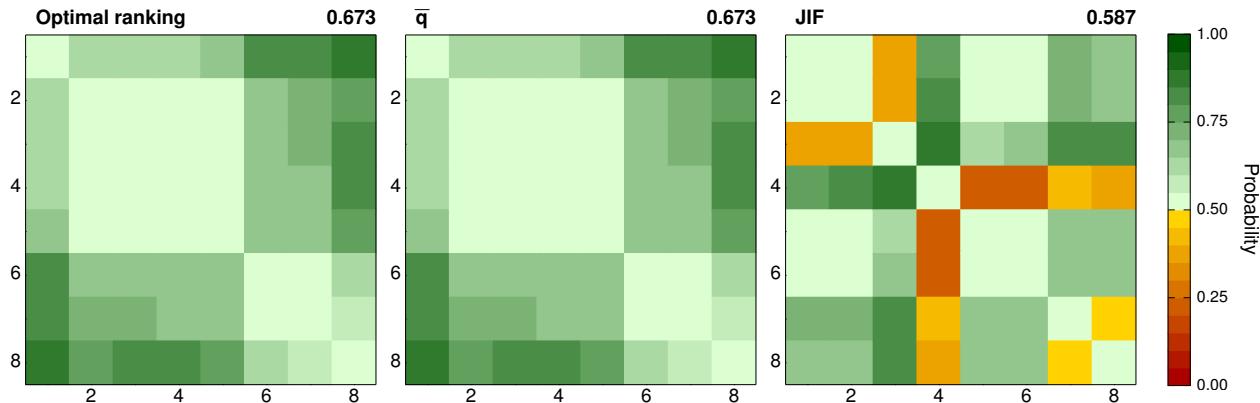


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | GEOCHIM COSMOCHIM AC | 1.69 | 0.37 | 69.1 | 44 | 3.751 | 1975–1985 |
| 2 | 4 | CONTRIB MINERAL PETR | 1.51 | 0.35 | 46.7 | 28 | 2.754 | 1974–1993 |
| 3 | 1 | EARTH PLANET SC LETT | 1.46 | 0.34 | 36.3 | 25 | 3.887 | 1993–1997 |
| 4 | 3 | TECTONICS | 1.36 | 0.32 | 27.5 | 20 | 3.143 | 1991–1997 |
| 5 | 14 | ECON GEOL | 1.31 | 0.38 | 28.0 | 17 | 1.345 | 1971–1989 |
| 6 | 9 | AM MINERAL | 1.27 | 0.41 | 27.8 | 16 | 1.977 | 1954–1997 |
| 7 | 13 | TECTONOPHYSICS | 1.20 | 0.44 | 23.6 | 14 | 1.675 | 1965–1995 |
| 8 | 5 | CHEM GEOL | 1.19 | 0.41 | 23.4 | 13 | 2.716 | 1967–2000 |
| 9 | 7 | GEOPHYS J INT | 1.15 | 0.40 | 20.2 | 12 | 2.353 | 1984–1995 |
| 10 | 8 | ORG GEOCHEM | 1.13 | 0.36 | 16.8 | 11 | 2.331 | 1987–2000 |
| 11 | 11 | B SEISMOL SOC AM | 1.12 | 0.37 | 19.0 | 11 | 1.828 | 1994–1998 |
| 12 | 15 | GEOPHYSICS | 1.10 | 0.43 | 21.3 | 10 | 1.228 | 1963–1992 |
| 13 | 6 | PHYS EARTH PLANET IN | 1.07 | 0.44 | 18.6 | 9 | 2.440 | 1974–1996 |
| 14 | 10 | APPL GEOCHEM | 1.02 | 0.36 | 13.2 | 9 | 1.866 | 1990–2000 |
| 15 | 17 | RADIO SCI | 0.91 | 0.45 | 12.2 | 6 | 1.084 | 1965–1997 |
| 16 | 12 | IEEE T GEOSCI REMOTE | 0.83 | 0.49 | 11.6 | 5 | 1.752 | 1964–2006 |
| 17 | 19 | J GEOCHEM EXPLOR | 0.80 | 0.38 | 8.4 | 5 | 0.922 | 1974–1998 |
| 18 | 16 | PURE APPL GEOPHYS | 0.77 | 0.44 | 8.6 | 4 | 1.171 | 1989–2000 |
| 19 | 18 | GEOPHYS PROSPECT | 0.75 | 0.41 | 8.0 | 4 | 1.046 | 1977–2000 |
| 20 | 20 | NUOVO CIMENTO C | 0.25 | 0.48 | 3.3 | 1 | 0.294 | 1986–1999 |

GEOGRAPHY, PHYSICAL

ISI Category Description Geography, Physical covers resources dealing with the differentiation of areas of the Earth's surface as shown in the character, arrangement, and interrelations over the world of such elements as climate, elevation, soil, vegetation, population, land use, industries, or states, as well as the unit areas formed by the complex of these individual elements. Resources which focus on economic, human, and urban topics are covered in the SSCI GEOGRAPHY category.

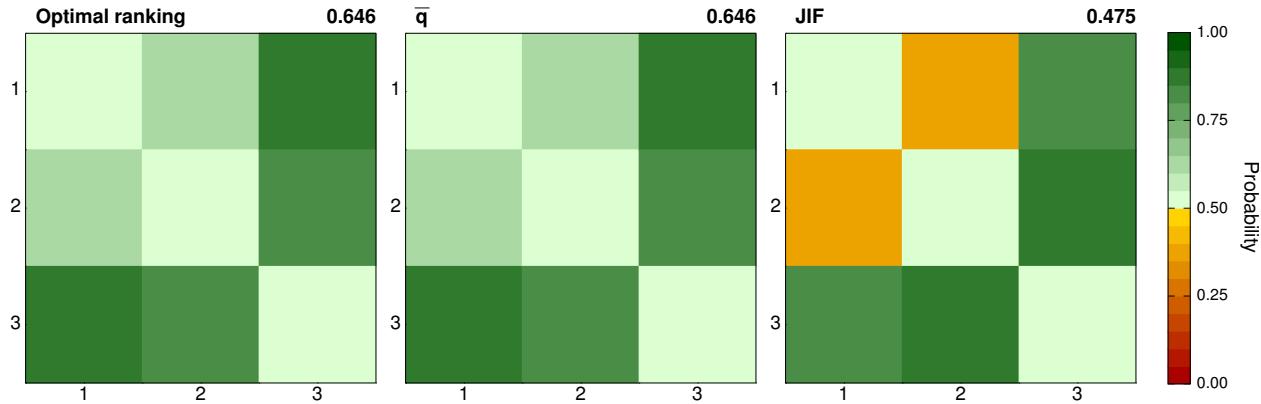


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | QUATERNARY RES | 1.41 | 0.36 | 34.5 | 22 | 2.319 | 1973–1997 |
| 2 | 1 | QUATERNARY SCI REV | 1.21 | 0.40 | 20.0 | 14 | 4.113 | 1993–1999 |
| 3 | 2 | J BIOGEOGR | 1.21 | 0.36 | 20.4 | 13 | 2.878 | 1976–1998 |
| 4 | 5 | PALAEOGEOGR PALAEOCL | 1.19 | 0.38 | 20.4 | 13 | 1.822 | 1967–1997 |
| 5 | 6 | J GLACIOL | 1.15 | 0.41 | 17.4 | 12 | 1.446 | 1979–1999 |
| 6 | 8 | J COASTAL RES | 0.91 | 0.43 | 9.9 | 6 | 0.665 | 1989–1995 |
| 7 | 7 | PHOTOGRAMM ENG REM S | 0.83 | 0.51 | 11.1 | 5 | 1.284 | 1978–1999 |
| 8 | 4 | LANDSCAPE URBAN PLAN | 0.67 | 0.41 | 5.3 | 3 | 2.029 | 1985–2004 |

GEOGRAPHY

ISI Category Description Geography covers resources concerned with socio-cultural aspects of the Earth's surface emphasizing the human, economic, political, urban, and environmental issues of the discipline. The history of geography and the study of cartography are also covered in this category.

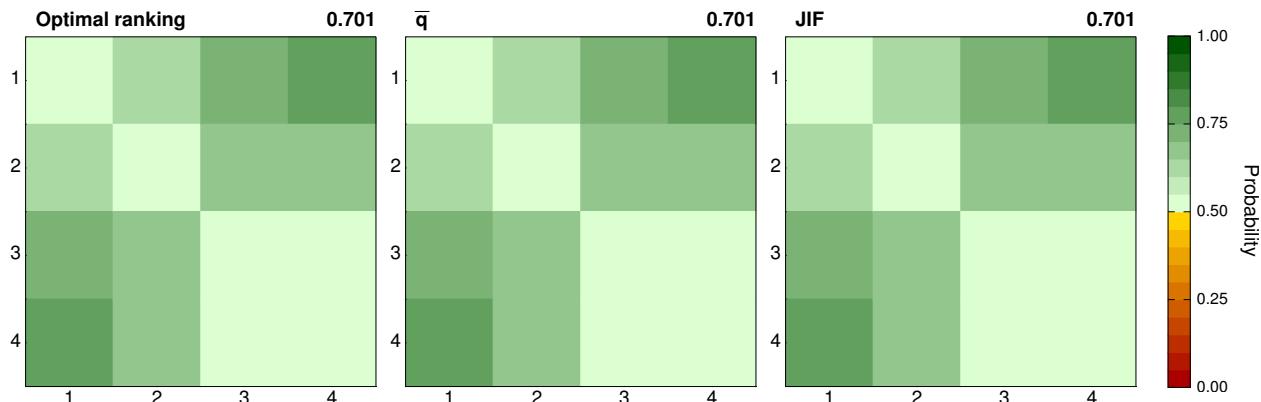


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | JIF | | \bar{q} | σ | | | | |
| 1 | 2 | ENVIRON PLANN A | | 0.83 | 0.40 | 8.6 | 5 | 1.610 | 1972–2002 |
| 2 | 1 | LANDSCAPE URBAN PLAN | | 0.67 | 0.41 | 5.3 | 3 | 2.029 | 1985–2004 |
| 3 | 3 | J GEOGR | | -0.05 | 0.35 | 0.8 | 0 | 0.320 | 2000–2006 |

GEOLOGY

ISI Category Description Geology covers resources that deal with the physical history of the Earth, the rock of which it is composed, and the physical changes (not the physics) that the Earth has undergone or is undergoing. Resources in this category cover sedimentology, stratigraphy, hydrogeology, ore geology, structural geology, regional geology, and petrology. These resources are somewhat narrow in scope and are not given to the interdisciplinary study of the Earth Sciences.

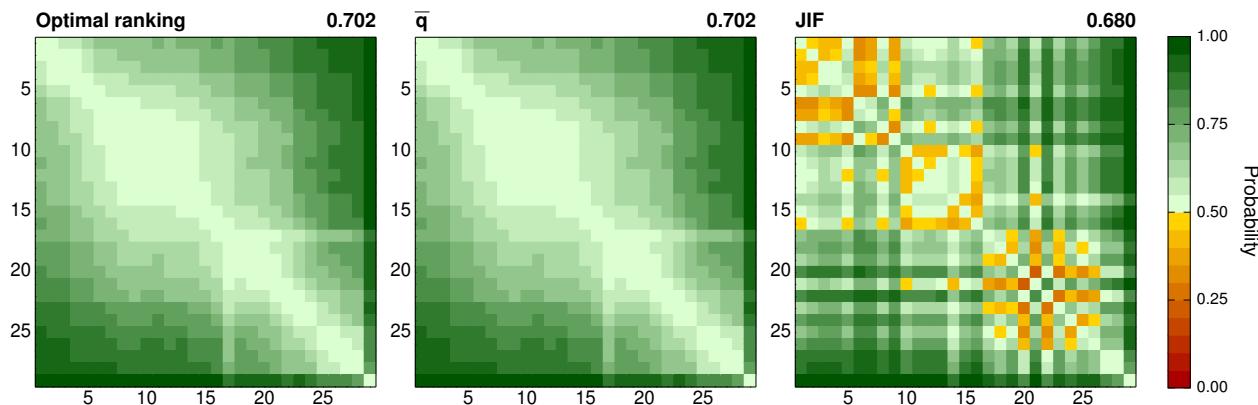


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| Rank | | | $p_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|------|-----|----------------------|---------------|----------|-----------|----|-------|-----|---------------------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | GEOLOGY | 1.41 | 0.38 | 33.6 | 22 | 3.477 | | 1975–1995 |
| 2 | 2 | SEDIMENTOLOGY | 1.26 | 0.29 | 19.7 | 15 | 1.746 | | 1989–1997 |
| 3 | 3 | SEDIMENT GEOL | 1.03 | 0.37 | 13.6 | 9 | 1.313 | | 1967–1999 |
| 4 | 4 | NEW ZEAL J GEOL GEOP | 0.99 | 0.40 | 11.5 | 8 | 0.822 | | 1966–1996 |

GEOSCIENCES, MULTIDISCIPLINARY

ISI Category Description Geosciences, Multidisciplinary covers resources having a general or interdisciplinary approach to the study of the Earth and other planets. Relevant topics include geology, geochemistry/geophysics, hydrology, paleontology, oceanography, meteorology, mineralogy, geography, and energy and fuels. Resources having a primary focus on geology, or geochemistry & geophysics are placed in their own categories.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 6 | AM J SCI | | 1.50 | 0.43 | 52.0 | 28 | 2.453 | 1964–1994 |
| 2 | 9 | J STRUCT GEOL | | 1.41 | 0.38 | 42.9 | 24 | 2.118 | 1978–1989 |
| 3 | 7 | QUATERNARY RES | | 1.41 | 0.36 | 34.5 | 22 | 2.319 | 1973–1997 |
| 4 | 3 | GEOL SOC AM BULL | | 1.37 | 0.44 | 35.3 | 20 | 2.820 | 1966–1989 |
| 5 | 4 | J GEOPHYS RES | | 1.32 | 0.37 | 27.9 | 18 | 2.800 | 1988–1991 |
| 6 | 2 | PRECAMBRIAN RES | | 1.27 | 0.35 | 21.6 | 15 | 2.949 | 1973–1999 |
| 7 | 16 | CLAY CLAY MINER | | 1.22 | 0.32 | 20.1 | 15 | 1.423 | 1990–1994 |
| 8 | 1 | QUATERNARY SCI REV | | 1.21 | 0.40 | 20.0 | 14 | 4.113 | 1993–1999 |
| 9 | 12 | PALAEOGEOGR PALAEOCL | | 1.19 | 0.38 | 20.4 | 13 | 1.822 | 1967–1997 |
| 10 | 5 | GEOPHYS RES LETT | | 1.19 | 0.37 | 19.2 | 13 | 2.602 | 1995–1997 |
| 11 | 8 | J GEOL SOC LONDON | | 1.18 | 0.32 | 18.2 | 13 | 2.287 | 1992–1999 |
| 12 | 11 | MAR GEOL | | 1.18 | 0.38 | 19.4 | 13 | 2.029 | 1964–1999 |
| 13 | 13 | J VOLCANOL GEOTH RES | | 1.16 | 0.33 | 17.0 | 12 | 1.685 | 1986–1999 |
| 14 | 15 | J GLACIOL | | 1.15 | 0.41 | 17.4 | 12 | 1.446 | 1979–1999 |
| 15 | 21 | CAN J EARTH SCI | | 1.12 | 0.35 | 15.8 | 11 | 0.943 | 1985–1994 |
| 16 | 10 | J HYDROL | | 1.07 | 0.37 | 13.5 | 10 | 2.117 | 1991–2000 |
| 17 | 14 | AAPG BULL | | 1.04 | 0.68 | 21.0 | 8 | 1.553 | 1973–1994 |
| 18 | 23 | NEW ZEAL J GEOL GEOP | | 0.99 | 0.40 | 11.5 | 8 | 0.822 | 1966–1996 |
| 19 | 19 | GROUND WATER | | 0.97 | 0.41 | 12.6 | 7 | 1.117 | 1984–1998 |
| 20 | 17 | GEOL MAG | | 0.95 | 0.40 | 11.9 | 7 | 1.376 | 1966–2001 |
| 21 | 25 | J COASTAL RES | | 0.91 | 0.43 | 9.9 | 6 | 0.665 | 1989–1995 |
| 22 | 18 | PHOTOGRAMM ENG REM S | | 0.83 | 0.51 | 11.1 | 5 | 1.284 | 1978–1999 |
| 23 | 26 | CAN GEOTECH J | | 0.76 | 0.40 | 7.1 | 4 | 0.358 | 1990–1998 |

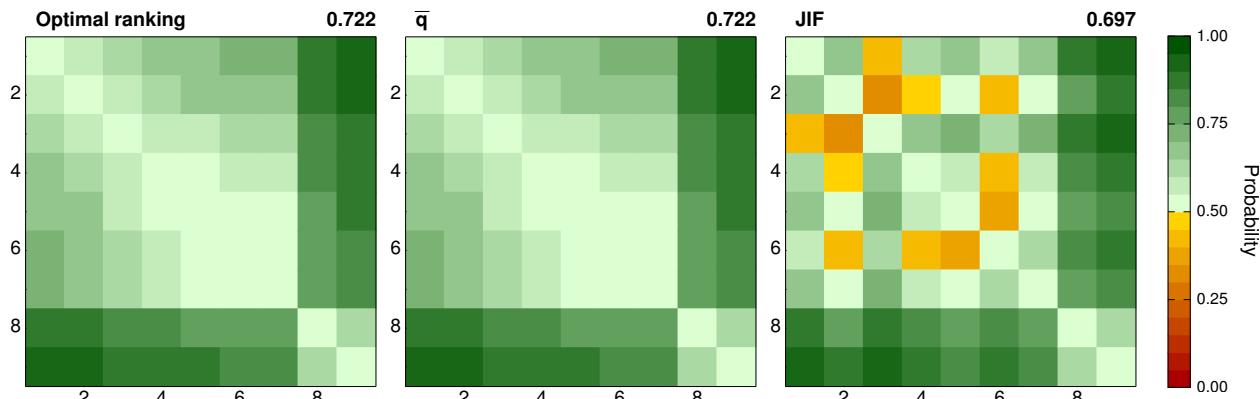
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| AUC | Rank | JIF | Journal abbreviation | P _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|------|--------------------|----------------------|-----------------------|----------|-----|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 24 | 24 | B SOC GEOL FR | | 0.68 | 0.41 | 6.1 | 3 | 0.753 | 1980–2001 |
| 25 | 20 | J AFR EARTH SCI | | 0.59 | 0.46 | 5.1 | 2 | 0.982 | 1986–2000 |
| 26 | 22 | ENG GEOL | | 0.50 | 0.43 | 4.0 | 2 | 0.900 | 1967–2004 |
| 27 | 27 | J GEOL SOC INDIA | | 0.48 | 0.44 | 4.0 | 2 | 0.296 | 1969–1995 |
| 28 | 28 | EARTH MOON PLANETS | | 0.38 | 0.45 | 3.0 | 1 | 0.252 | 1984–2003 |
| 29 | 29 | GEOTIMES | | -0.47 | 0.48 | 0.3 | 0 | 0.164 | 1981–2005 |

GERIATRICS & GERONTOLOGY

ISI Category Description Geriatrics & Gerontology covers resources on the aged and the aging process. This category includes the clinical, biochemical, histological, and psychological aspects of aging. Coverage also includes specific clinical problems in the treatment of elderly patients, as well as research on the cellular and animal correlates of age and senescence. Resources that focus on the psychological, social, and political aspects of aging are covered in the SSCI.

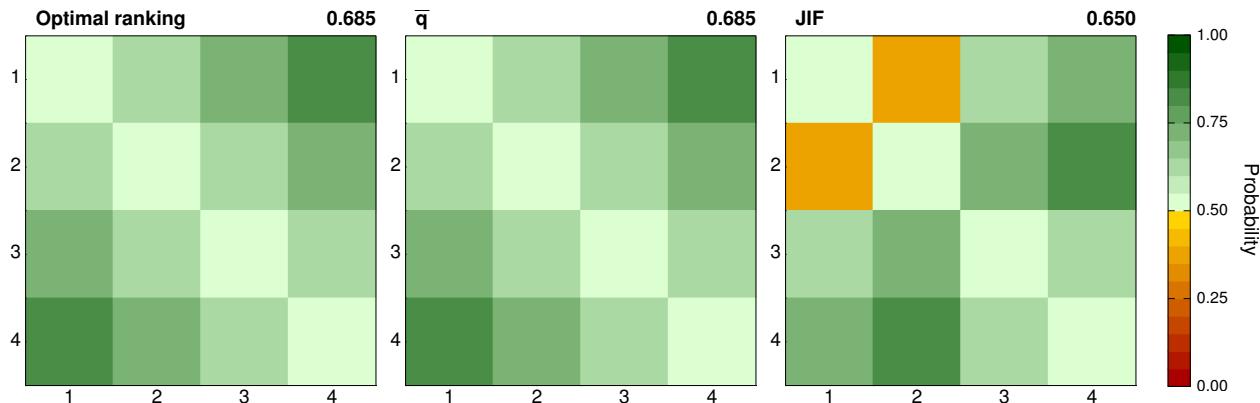


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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 3 | J AM GERIATR SOC | 1.38 | 0.43 | 33.6 | 21 | 3.331 | 1984–1996 | |
| 2 | 1 | NEUROBIOL AGING | 1.28 | 0.35 | 23.5 | 17 | 5.599 | 1997–2001 | |
| 3 | 6 | AGE AGEING | 1.20 | 0.40 | 19.7 | 13 | 1.919 | 1987–1997 | |
| 4 | 4 | EXP GERONTOL | 1.10 | 0.39 | 16.0 | 10 | 2.930 | 1967–2001 | |
| 5 | 2 | MECH AGEING DEV | 1.04 | 0.35 | 14.0 | 9 | 3.846 | 1989–2002 | |
| 6 | 5 | INT J GERIATR PSYCH | 1.02 | 0.39 | 12.9 | 8 | 1.930 | 1986–2001 | |
| 7 | 7 | GERONTOLOGY | 0.99 | 0.41 | 13.0 | 8 | 1.439 | 1956–2001 | |
| 8 | 8 | GERIATRICS | 0.50 | 0.45 | 4.3 | 2 | 1.147 | 1960–2004 | |
| 9 | 9 | ARCH GERONTOL GERIAT | 0.24 | 0.64 | 2.8 | 0 | 1.136 | 1991–2002 | |

GERONTOLOGY

ISI Category Description Gerontology covers resources that are concerned with the sociological and psychological issues of aging, including such areas as rehabilitation, aging and education, aging and work, aging and social policy as well as life span research. Geriatrics, which deals with the medical and clinical aspects of aging, is covered in the SCI.

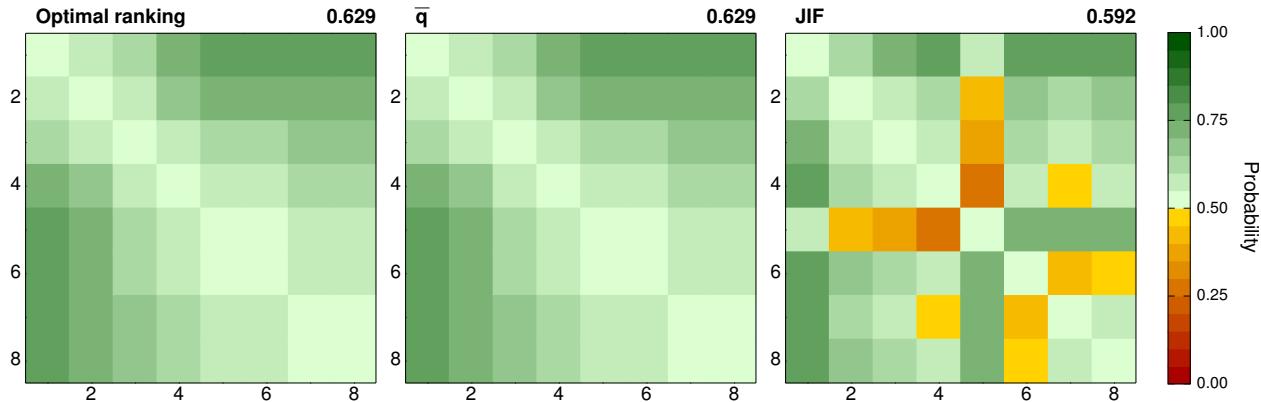


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| AUC | Rank | | Journal abbreviation | p _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|-----------------------|------|----|-------|-----------|---------------------|
| | JIF | q̄ | | σ | n̄ | | | | |
| 1 | 2 | PSYCHOL AGING | 1.52 | 0.34 | 42.1 | 30 | 2.828 | 1986–1994 | |
| 2 | 1 | J AM GERIATR SOC | 1.38 | 0.43 | 33.6 | 21 | 3.331 | 1984–1996 | |
| 3 | 3 | GERONTOLOGIST | 1.21 | 0.38 | 20.9 | 15 | 1.965 | 1994–1998 | |
| 4 | 4 | INT J GERIATR PSYCH | 1.02 | 0.39 | 12.9 | 8 | 1.930 | 1986–2001 | |

HEALTH CARE SCIENCES & SERVICES

ISI Category Description Health Care Sciences & Services covers resources on health services, hospital administration, health care management, health care financing, health policy and planning, health economics, health education, history of medicine, and palliative care.

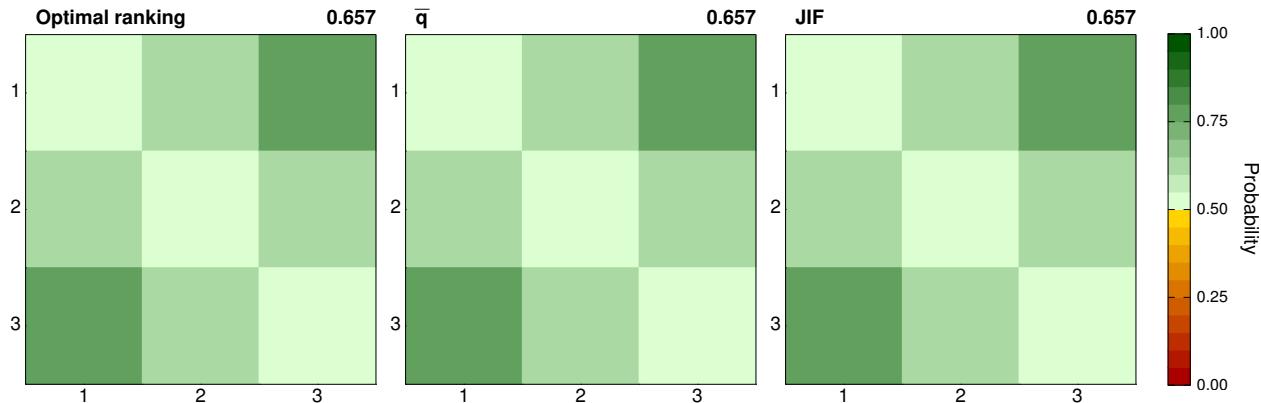


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | | JIF | | \bar{q} | σ | | | | | |
| 1 | 1 | MED CARE | | 1.28 | 0.40 | 28.6 | 16 | 3.745 | 1994–2000 | |
| 2 | 5 | J PAIN SYMPTOM MANAG | | 1.18 | 0.42 | 19.5 | 13 | 2.437 | 1990–2000 | |
| 3 | 2 | HEALTH AFFAIR | | 1.03 | 0.46 | 15.2 | 8 | 3.680 | 1986–2002 | |
| 4 | 3 | ACAD MED | | 0.92 | 0.43 | 11.3 | 7 | 2.607 | 1988–1998 | |
| 5 | 7 | HEALTH POLICY | | 0.84 | 0.36 | 8.9 | 5 | 1.201 | 1991–2000 | |
| 6 | 4 | MED EDUC | | 0.81 | 0.43 | 8.4 | 5 | 2.467 | 1981–2002 | |
| 7 | 8 | J SCHOOL HEALTH | | 0.71 | 0.50 | 7.8 | 4 | 0.856 | 1983–1999 | |
| 8 | 6 | HASTINGS CENT REP | | 0.66 | 0.61 | 7.8 | 3 | 1.848 | 1992–1999 | |

HEALTH POLICY & SERVICES

ISI Category Description Health Policy & Services covers resources on healthcare systems, including healthcare provision and management, financial analysis, healthcare ethics, health policy, and quality of care.

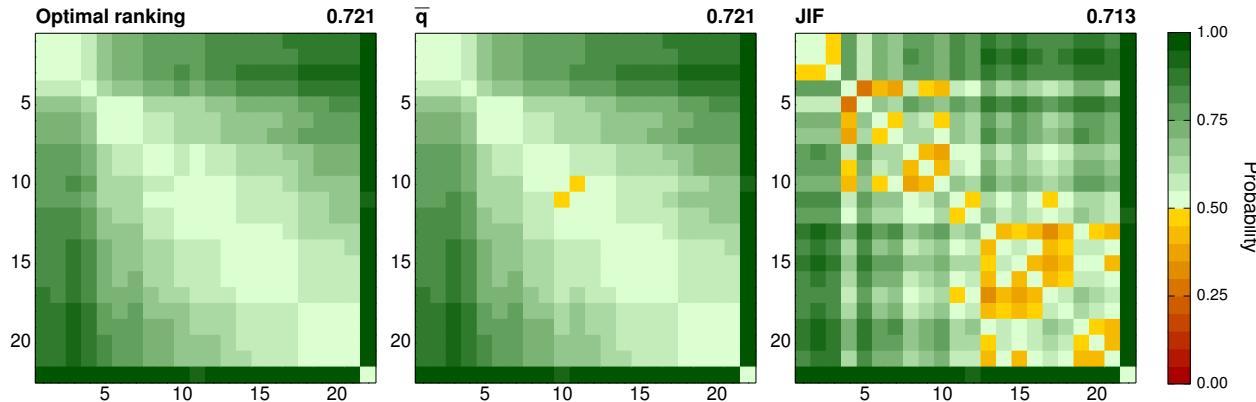


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|---------------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | | |
| 1 | 1 | MED CARE | | 1.28 | 0.40 | 28.6 | 16 | 3.745 | 1994–2000 | |
| 2 | 2 | HEALTH AFFAIR | | 1.03 | 0.46 | 15.2 | 8 | 3.680 | 1986–2002 | |
| 3 | 3 | HEALTH POLICY | | 0.84 | 0.36 | 8.9 | 5 | 1.201 | 1991–2000 | |

HEMATOLOGY

ISI Category Description Hematology covers resources that deal with blood and blood-forming tissues, as well as the functions, diseases, and treatments of these systems. Topics included are hemophilia, neoplastic disorders of the blood or lymphoid tissues, and mechanisms and disorders of thrombosis.

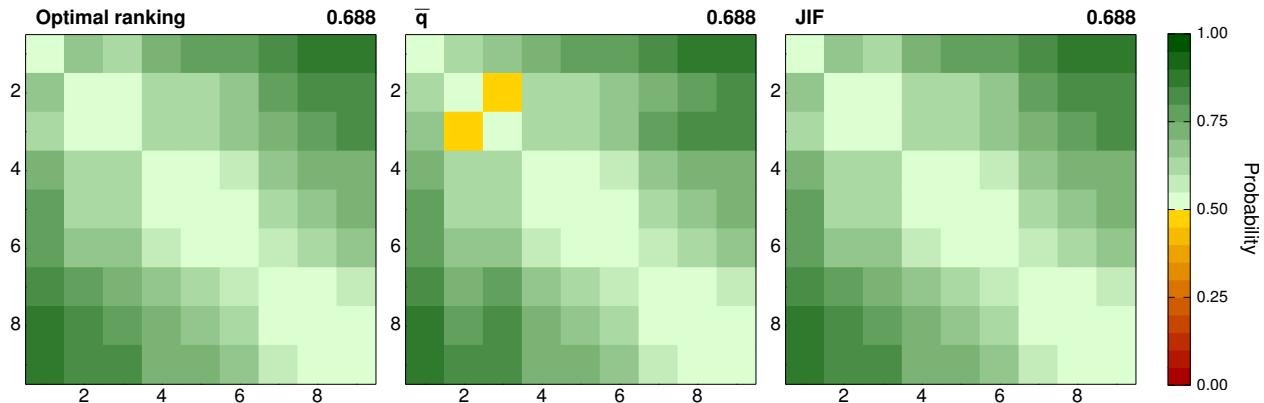


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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | CIRC RES | 1.72 | 0.46 | 75.8 | 47 | 9.854 | 1962–1994 |
| 2 | 1 | CIRCULATION | 1.71 | 0.46 | 75.4 | 45 | 10.940 | 1969–1997 |
| 3 | 2 | BLOOD | 1.68 | 0.35 | 63.9 | 43 | 10.370 | 1985–1995 |
| 4 | 5 | J CEREBR BLOOD F MET | 1.59 | 0.38 | 56.6 | 35 | 4.843 | 1982–1996 |
| 5 | 7 | BRIT J HAEMATOL | 1.41 | 0.38 | 36.8 | 22 | 4.498 | 1961–1990 |
| 6 | 10 | THROMB HAEMOSTASIS | 1.34 | 0.37 | 31.1 | 19 | 2.803 | 1980–1998 |
| 7 | 6 | J LEUKOCYTE BIOL | 1.34 | 0.34 | 27.8 | 18 | 4.572 | 1987–1999 |
| 8 | 9 | TRANSFUSION | 1.26 | 0.38 | 23.2 | 16 | 3.278 | 1993–1998 |
| 9 | 4 | LEUKEMIA | 1.26 | 0.37 | 22.5 | 15 | 6.146 | 1995–2000 |
| 10 | 8 | EXP HEMATOL | 1.18 | 0.38 | 20.3 | 12 | 3.408 | 1985–1998 |
| 11 | 12 | BONE MARROW TRANSPL | 1.21 | 0.51 | 20.5 | 14 | 2.621 | 1993–1995 |
| 12 | 17 | AM J HEMATOL | 1.14 | 0.36 | 17.8 | 12 | 1.882 | 1976–1995 |
| 13 | 11 | SEMIN THROMB HEMOST | 1.10 | 0.38 | 17.8 | 10 | 2.733 | 1982–2000 |
| 14 | 18 | EUR J HAEMATOL | 1.07 | 0.38 | 13.7 | 9 | 1.863 | 1986–1997 |
| 15 | 14 | ANN HEMATOL | 1.05 | 0.41 | 14.5 | 9 | 2.254 | 1990–1992 |
| 16 | 16 | THROMB RES | 1.04 | 0.39 | 14.1 | 9 | 2.058 | 1988–1995 |
| 17 | 21 | BLOOD COAGUL FIBRIN | 1.04 | 0.37 | 13.1 | 9 | 1.370 | 1990–1998 |
| 18 | 15 | VOX SANG | 0.94 | 0.38 | 11.1 | 7 | 2.111 | 1993–1999 |
| 19 | 20 | LEUKEMIA LYMPHOMA | 0.94 | 0.37 | 10.1 | 7 | 1.559 | 1992–1997 |
| 20 | 13 | LEUKEMIA RES | 0.91 | 0.33 | 9.4 | 6 | 2.483 | 1996–2000 |
| 21 | 19 | ACTA HAEMATOL-BASEL | 0.91 | 0.38 | 9.7 | 6 | 1.564 | 1960–1997 |
| 22 | 22 | GEMATOL TRANSFUZIOL | -0.46 | 0.40 | 0.2 | 0 | 0.101 | 1982–2004 |

HORTICULTURE

ISI Category Description Horticulture covers resources concerning the cultivation of flowers, fruits, vegetables or ornamental plants, in gardens, orchards or nurseries.

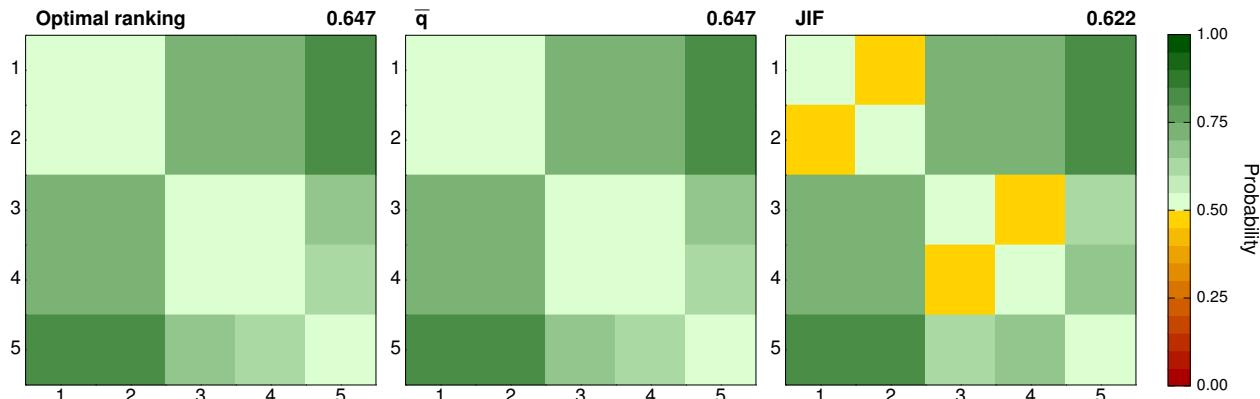


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | 1 | THEOR APPL GENET | 1.25 | 0.40 | 23.9 | 15 | 2.715 | 1985–1999 |
| 2 | 2 | 2 | J AM SOC HORTIC SCI | 1.02 | 0.35 | 12.2 | 8 | 1.043 | 1968–1995 |
| 3 | 3 | 3 | AM J ENOL VITICULT | 1.03 | 0.42 | 13.9 | 8 | 1.009 | 1967–2000 |
| 4 | 4 | 4 | EUPHYTICA | 0.84 | 0.38 | 8.0 | 5 | 0.907 | 1984–1998 |
| 5 | 5 | 5 | SCI HORTIC-AMSTERDAM | 0.80 | 0.37 | 7.2 | 5 | 0.697 | 1975–1996 |
| 6 | 6 | 6 | HORTSCIENCE | 0.72 | 0.41 | 7.1 | 4 | 0.613 | 1975–1995 |
| 7 | 7 | 7 | SEED SCI TECHNOL | 0.55 | 0.44 | 4.6 | 2 | 0.410 | 1976–1998 |
| 8 | 8 | 8 | SYNTHESE | 0.46 | 0.42 | 3.8 | 2 | 0.364 | 1982–1996 |
| 9 | 9 | 9 | J JPN SOC HORTIC SCI | 0.43 | 0.40 | 3.0 | 2 | 0.337 | 1975–2000 |

IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY

ISI Category Description Imaging Science & Photographic Technology includes resources that cover pattern recognition, analog and digital signal processing, remote sensing, and optical technology. This category also covers resources on the photographic process (the engineering of photographic devices and the chemistry of photography) as well as machine-aided imaging, recording materials and media, and visual communication and image representation.

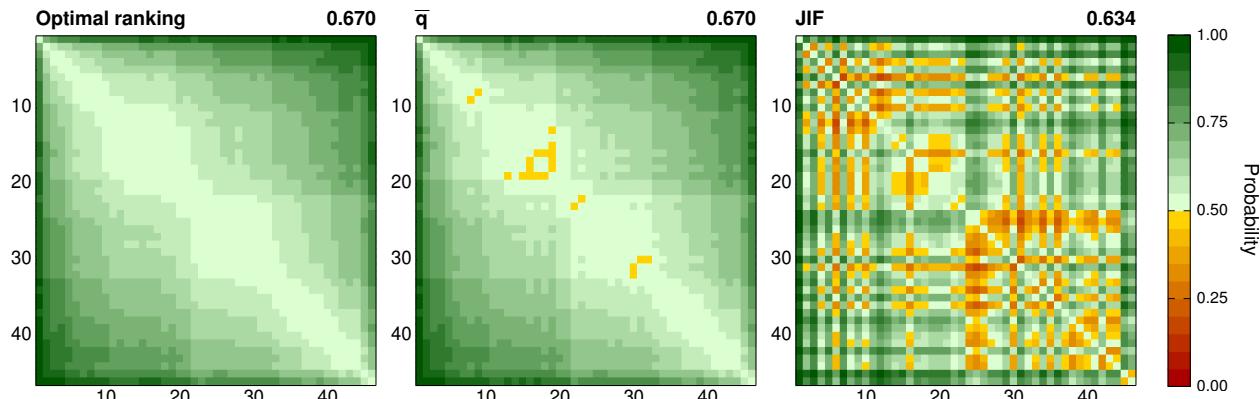


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | REMOTE SENS ENVIRON | 1.27 | 0.40 | 26.7 | 16 | 3.064 | 1980–1998 |
| 2 | 1 | IEEE T MED IMAGING | 1.25 | 0.40 | 27.5 | 15 | 3.757 | 1985–1999 |
| 3 | 4 | INT J REMOTE SENS | 0.89 | 0.43 | 12.3 | 6 | 0.980 | 1982–2000 |
| 4 | 3 | PHOTOGRAMM ENG REM S | 0.83 | 0.51 | 11.1 | 5 | 1.284 | 1978–1999 |
| 5 | 5 | J IMAGING SCI TECHN | 0.53 | 0.45 | 5.0 | 2 | 0.622 | 1991–1992 |

IMMUNOLOGY

ISI Category Description Immunology covers resources dedicated to all aspects of immune response and regulation, at the cellular-molecular level as well as the clinical level. Other topics include studies of the interaction between pathogens and host immunity, as well as clinical immunology, emerging immunotherapies, and the immunologic contribution to disease course.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | P _{ss} (q J) | | | \bar{n} | n | Steady-state period | | | |
|------|-----------------------|----------------------|----------------------|-----------|------|---------------------|----------|--------|-----------|
| | AUC | JIF | Journal abbreviation | | | \bar{q} | σ | JIF | |
| 1 | 1 | J EXP MED | | 1.97 | 0.36 | 132.9 | 86 | 14.484 | 1987–1995 |
| 2 | 3 | J IMMUNOL | | 1.66 | 0.36 | 62.9 | 41 | 6.293 | 1988–1995 |
| 3 | 7 | EUR J IMMUNOL | | 1.56 | 0.38 | 48.7 | 32 | 4.772 | 1988–1993 |
| 4 | 12 | INFECT IMMUN | | 1.52 | 0.33 | 40.4 | 30 | 4.004 | 1985–1995 |
| 5 | 5 | AIDS | | 1.49 | 0.38 | 37.7 | 27 | 5.632 | 1987–1999 |
| 6 | 13 | TRANSPLANTATION | | 1.42 | 0.38 | 35.2 | 22 | 3.972 | 1981–1995 |
| 7 | 31 | MICROB PATHOGENESIS | | 1.39 | 0.38 | 30.6 | 22 | 2.258 | 1985–1988 |
| 8 | 11 | INT IMMUNOL | | 1.39 | 0.36 | 33.3 | 21 | 4.015 | 1989–1995 |
| 9 | 2 | J ALLERGY CLIN IMMUN | | 1.39 | 0.40 | 30.8 | 21 | 8.829 | 1994–1999 |
| 10 | 9 | J LEUKOCYTE BIOL | | 1.34 | 0.34 | 27.8 | 18 | 4.572 | 1987–1999 |
| 11 | 19 | J NEUROIMMUNOL | | 1.32 | 0.38 | 27.4 | 18 | 2.880 | 1980–1999 |
| 12 | 20 | IMMUNOGENETICS | | 1.32 | 0.37 | 27.7 | 18 | 2.852 | 1976–1995 |
| 13 | 29 | CYTOKINE | | 1.25 | 0.36 | 26.1 | 16 | 2.355 | 1990–1994 |
| 14 | 21 | CLIN EXP IMMUNOL | | 1.29 | 0.36 | 25.1 | 16 | 2.747 | 1980–1997 |
| 15 | 36 | PARASITE IMMUNOL | | 1.29 | 0.33 | 22.5 | 17 | 2.009 | 1979–1995 |
| 16 | 34 | ORAL MICROBIOL IMMUN | | 1.28 | 0.32 | 21.6 | 16 | 2.089 | 1987–1993 |
| 17 | 15 | CLIN EXP ALLERGY | | 1.27 | 0.28 | 30.1 | 15 | 3.668 | 1988–1989 |
| 18 | 14 | IMMUNOLOGY | | 1.27 | 0.39 | 26.3 | 16 | 3.674 | 1970–1997 |
| 19 | 17 | PEDIATR INFECT DIS J | | 1.28 | 0.38 | 23.1 | 16 | 3.215 | 1990–1995 |
| 20 | 18 | VACCINE | | 1.23 | 0.36 | 20.9 | 14 | 3.159 | 1987–1998 |
| 21 | 23 | HUM IMMUNOL | | 1.22 | 0.38 | 22.9 | 14 | 2.605 | 1979–1995 |
| 22 | 4 | CLIN INFECT DIS | | 1.21 | 0.46 | 23.6 | 13 | 6.186 | 1995–1998 |
| 23 | 22 | BONE MARROW TRANSPL | | 1.21 | 0.51 | 20.5 | 14 | 2.621 | 1993–1995 |

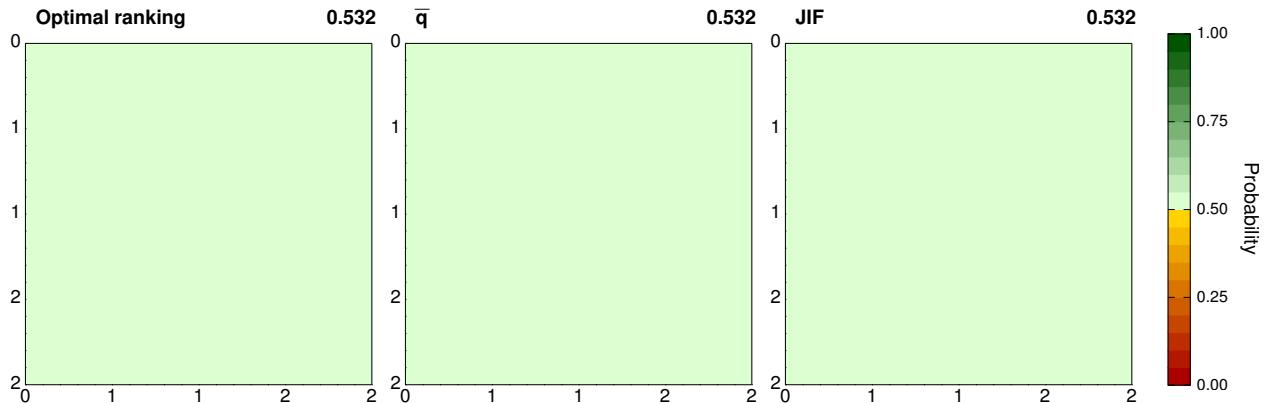
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 28 | J IMMUNOL METHODS | 1.16 | 0.41 | 28.4 | 11 | 2.402 | 1971–1997 |
| 25 | 41 | CELL IMMUNOL | 1.15 | 0.38 | 18.9 | 12 | 1.709 | 1979–2000 |
| 26 | 32 | J AUTOIMMUN | 1.14 | 0.36 | 17.0 | 12 | 2.154 | 1987–2001 |
| 27 | 8 | MOL IMMUNOL | 1.14 | 0.37 | 17.9 | 11 | 4.768 | 1978–1999 |
| 28 | 27 | TISSUE ANTIGENS | 1.14 | 0.40 | 20.2 | 11 | 2.462 | 1971–1999 |
| 29 | 44 | J ANTIBIOT | 1.13 | 0.37 | 18.6 | 11 | 1.262 | 1963–1992 |
| 30 | 10 | CANCER IMMUNOL IMMUN | 1.11 | 0.33 | 15.9 | 11 | 4.313 | 1982–2000 |
| 31 | 43 | CAN J MICROBIOL | 1.10 | 0.39 | 17.3 | 11 | 1.275 | 1954–1995 |
| 32 | 40 | AM J REPROD IMMUNOL | 1.11 | 0.39 | 16.1 | 10 | 1.743 | 1979–1999 |
| 33 | 37 | VET IMMUNOL IMMUNOP | 1.07 | 0.35 | 13.3 | 10 | 1.994 | 1979–1999 |
| 34 | 16 | DEV COMP IMMUNOL | 1.06 | 0.41 | 14.2 | 9 | 3.399 | 1976–2001 |
| 35 | 33 | SCAND J IMMUNOL | 1.03 | 0.37 | 13.2 | 8 | 2.090 | 1995–1999 |
| 36 | 6 | ALLERGY | 1.02 | 0.38 | 12.7 | 8 | 5.334 | 1995–2001 |
| 37 | 39 | IMMUNOBIOLOGY | 0.98 | 0.41 | 13.7 | 8 | 1.867 | 1980–1997 |
| 38 | 26 | IMMUNOL CELL BIOL | 0.97 | 0.40 | 11.8 | 7 | 2.482 | 1986–2002 |
| 39 | 35 | AUTOIMMUNITY | 0.96 | 0.36 | 10.8 | 7 | 2.033 | 1988–1999 |
| 40 | 30 | IMMUNOL LETT | 0.93 | 0.38 | 11.1 | 7 | 2.352 | 1978–2001 |
| 41 | 24 | INT ARCH ALLERGY IMM | 0.90 | 0.40 | 10.9 | 6 | 2.524 | 1991–1992 |
| 42 | 38 | APMIS | 0.86 | 0.40 | 8.8 | 5 | 1.875 | 1987–1999 |
| 43 | 42 | MICROBIOL IMMUNOL | 0.85 | 0.36 | 7.8 | 5 | 1.502 | 1996–2000 |
| 44 | 25 | AIDS RES HUM RETROV | 0.81 | 0.41 | 9.2 | 4 | 2.513 | 1985–1986 |
| 45 | 46 | HYBRIDOMA | 0.69 | 0.56 | 7.0 | 3 | 0.411 | 1986–2000 |
| 46 | 45 | INDIAN J MED RES | 0.55 | 0.37 | 3.8 | 2 | 1.224 | 1988–2000 |

INDUSTRIAL RELATIONS & LABOR

ISI Category Description Industrial Relations & Labor covers resources on arbitration, business and labor law, human resources, labor history, labor relations, and the sociology of work relations.

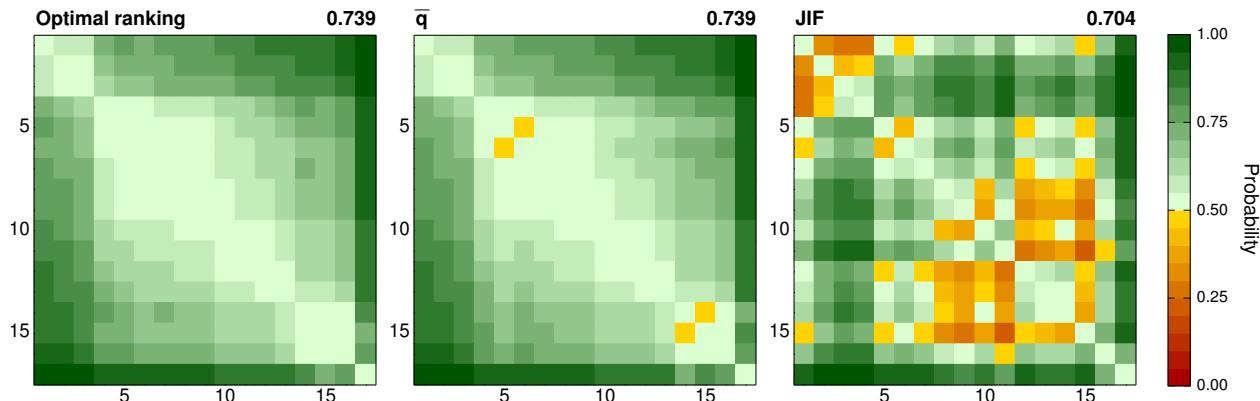


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | $p_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----------|-----|-------|-----------|---------------------|
| | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | BUS LAWYER | 0.32 | 0.40 | 2.6 | 1 | 0.685 | 1981–2003 | |
| 2 | 2 | MON LABOR REV | 0.28 | 0.54 | 2.8 | 1 | 0.589 | 1971–2001 | |

INFECTIOUS DISEASES

ISI Category Description Infectious Diseases covers resources on all aspects of the pathogenesis of clinically significant viral or bacterial diseases including HIV, AIDS, sexually transmitted diseases (STDs). This category is also concerned with resources on host-pathogen interactions, as well as the prevention, diagnosis, treatment, and epidemiology of infectious disease.

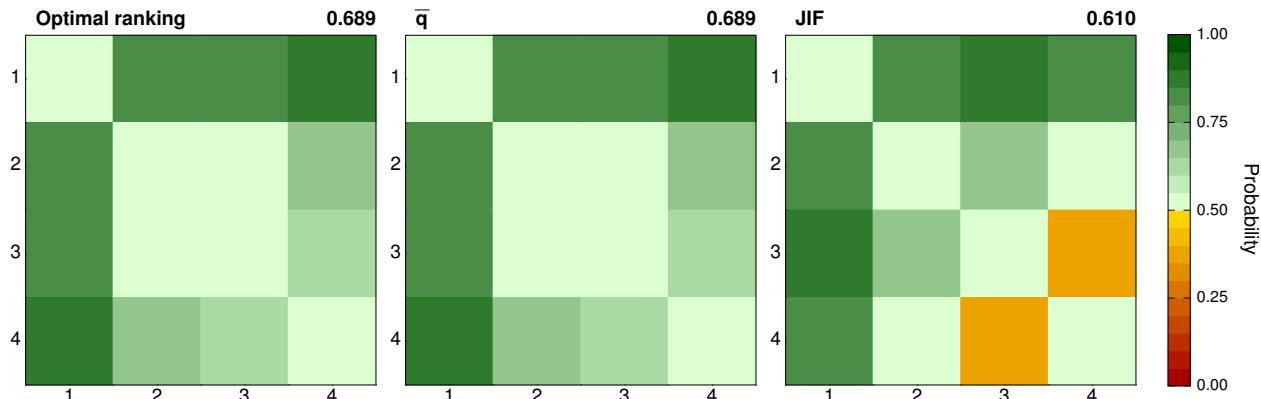


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|------|----------------------|---------------|----------|------|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 1 | 3 | J INFECT DIS | 1.61 | 0.36 | 53.5 | 37 | 5.363 | 1978–1995 |
| 2 | 4 | INFECT IMMUN | 1.52 | 0.33 | 40.4 | 30 | 4.004 | 1985–1995 |
| 3 | 2 | AIDS | 1.49 | 0.38 | 37.7 | 27 | 5.632 | 1987–1999 |
| 4 | 6 | PEDIATR INFECT DIS J | 1.28 | 0.38 | 23.1 | 16 | 3.215 | 1990–1995 |
| 5 | 15 | EPIDEMIOL INFECT | 1.20 | 0.34 | 20.1 | 13 | 1.809 | 1988–1997 |
| 6 | 1 | CLIN INFECT DIS | 1.21 | 0.46 | 23.6 | 13 | 6.186 | 1995–1998 |
| 7 | 12 | EUR J CLIN MICROBIOL | 1.17 | 0.37 | 19.0 | 12 | 2.330 | 1982–1996 |
| 8 | 5 | J ANTIMICROB CHEMOTH | 1.16 | 0.37 | 18.3 | 12 | 3.891 | 1976–2000 |
| 9 | 7 | SEX TRANSM DIS | 1.14 | 0.39 | 17.2 | 11 | 2.577 | 1978–2000 |
| 10 | 13 | INFECT CONT HOSP EP | 1.08 | 0.45 | 17.6 | 10 | 2.236 | 1979–2000 |
| 11 | 10 | J HOSP INFECT | 1.05 | 0.39 | 13.4 | 9 | 2.442 | 1982–1999 |
| 12 | 14 | J INFECTION | 1.00 | 0.38 | 13.1 | 8 | 2.037 | 1978–1995 |
| 13 | 8 | DIAGN MICR INFEC DIS | 0.94 | 0.37 | 11.4 | 7 | 2.553 | 1982–2002 |
| 14 | 9 | AIDS RES HUM RETROV | 0.81 | 0.41 | 9.2 | 4 | 2.513 | 1985–1986 |
| 15 | 16 | SCAND J INFECT DIS | 0.84 | 0.67 | 9.6 | 5 | 1.560 | 1973–1996 |
| 16 | 11 | INFECTION | 0.75 | 0.46 | 7.5 | 4 | 2.368 | 1972–2000 |
| 17 | 17 | MED MALADIES INFECT | 0.12 | 0.46 | 1.5 | 0 | 0.267 | 1976–2002 |

INFORMATION SCIENCE & LIBRARY SCIENCE

ISI Category Description Information Science & Library Science covers resources on a wide variety of topics, including bibliographic studies, cataloguing, categorization, database construction and maintenance, electronic libraries, information ethics, information processing and management, interlending, preservation, scientometrics, serials librarianship, and special libraries.

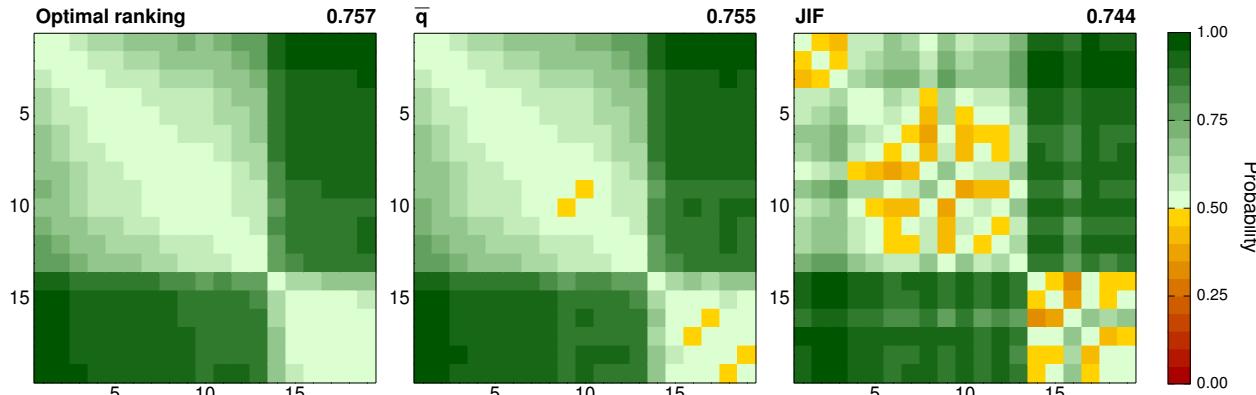


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state | |
|-----|------|----------------|----------------------|---------------|----------|-----------|-------|-----------|-----|--------------|--|
| | JIF | \bar{q} | | \bar{q} | σ | | | | | period | |
| 1 | 1 | SCIENTOMETRICS | 0.72 | 0.39 | 6.2 | 4 | 1.363 | 1989–2002 | | | |
| 2 | 2 | ONLINE | 0.05 | 0.43 | 1.2 | 0 | 0.484 | 1988–2005 | | | |
| 3 | 4 | LIBR J | 0.04 | 0.47 | 1.2 | 0 | 0.271 | 1970–2000 | | | |
| 4 | 3 | SCIENTIST | -0.66 | 0.72 | 0.4 | 0 | 0.296 | 1992–1999 | | | |

INSTRUMENTS & INSTRUMENTATION

ISI Category Description Instruments & Instrumentation includes resources on the application of instruments for observation, measurement, or control of physical and/or chemical systems. This category also includes materials on the development and manufacture of instruments.

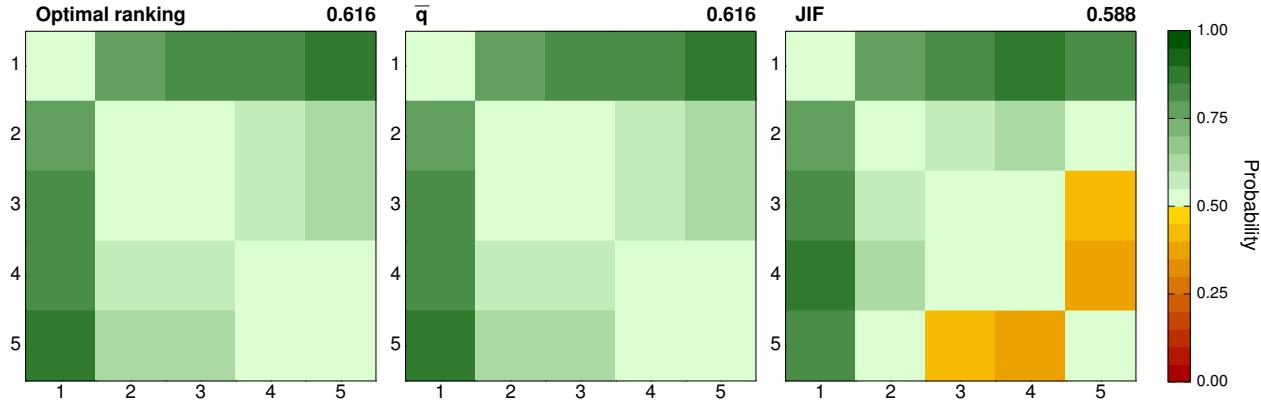


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | APPL SPECTROSC | 1.08 | 0.38 | 16.2 | 10 | 1.879 | 1970–1998 |
| 2 | 2 | SENSOR ACTUAT B-CHEM | 1.02 | 0.38 | 12.2 | 8 | 2.331 | 1995–2001 |
| 3 | 1 | CHEMOMETR INTELL LAB | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 |
| 4 | 8 | RADIO SCI | 0.91 | 0.45 | 12.2 | 6 | 1.084 | 1965–1997 |
| 5 | 4 | REV SCI INSTRUM | 0.88 | 0.45 | 12.9 | 5 | 1.541 | 1954–1993 |
| 6 | 10 | NUCL INSTRUM METH B | 0.82 | 0.39 | 8.7 | 5 | 0.946 | 1988–1997 |
| 7 | 5 | SENSOR ACTUAT A-PHYS | 0.80 | 0.38 | 7.7 | 5 | 1.434 | 1997–2001 |
| 8 | 12 | IEEE T IND ELECTRON | 0.76 | 0.43 | 7.7 | 4 | 0.590 | 1988–1998 |
| 9 | 7 | NUCL INSTRUM METH A | 0.73 | 0.44 | 8.3 | 4 | 1.185 | 1989–1994 |
| 10 | 11 | J DYN SYST-T ASME | 0.75 | 0.52 | 9.1 | 4 | 0.658 | 1982–1993 |
| 11 | 6 | MEAS SCI TECHNOL | 0.68 | 0.42 | 6.5 | 3 | 1.228 | 1989–2000 |
| 12 | 9 | J GUID CONTROL DYNAM | 0.62 | 0.39 | 5.0 | 3 | 0.986 | 1992–2000 |
| 13 | 13 | IEEE T INSTRUM MEAS | 0.55 | 0.44 | 4.8 | 2 | 0.572 | 1963–2001 |
| 14 | 16 | AM LAB | -0.02 | 0.44 | 1.0 | 0 | 0.220 | 2000–2003 |
| 15 | 18 | CONTROL ENG | -0.37 | 0.38 | 0.2 | 0 | 0.051 | 1966–2005 |
| 16 | 15 | AUTOMAT REM CONTR+ | -0.51 | 0.44 | 0.2 | 0 | 0.251 | 1990–2005 |
| 17 | 19 | INTECH | -0.45 | 0.34 | 0.1 | 0 | 0.031 | 1985–2001 |
| 18 | 14 | INSTRUM EXP TECH+ | -0.70 | 0.53 | 0.1 | 0 | 0.329 | 1963–2005 |
| 19 | 17 | MEAS TECH+ | -0.70 | 0.38 | 0.0 | 0 | 0.129 | 1971–2003 |

INTERNATIONAL RELATIONS

ISI Category Description International Relations covers resources concerned with foreign policy, comparative world politics, world commerce and trade, international legal issues, peace studies and conflict resolution, military alliances, and strategic studies.

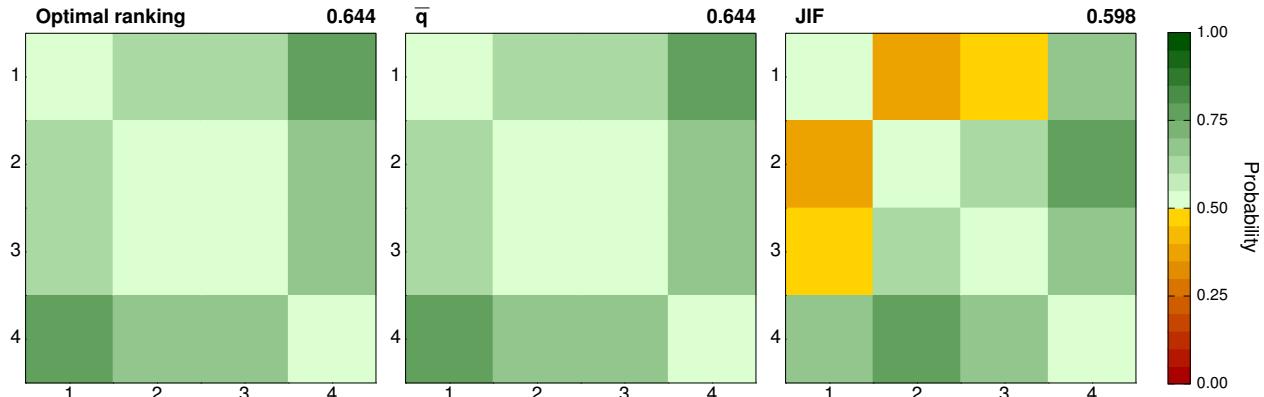


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | FOREIGN AFF | 0.66 | 0.41 | 8.3 | 3 | 1.814 | 1992–1999 | |
| 2 | 2 | WASH QUART | 0.03 | 0.40 | 1.0 | 0 | 0.775 | 1982–2005 | |
| 3 | 5 | CURR HIST | 0.01 | 0.33 | 0.7 | 0 | 0.176 | 1993–2000 | |
| 4 | 3 | B ATOM SCI | -0.18 | 0.39 | 0.5 | 0 | 0.397 | 1978–2006 | |
| 5 | 4 | ISSUES STUD | -0.25 | 0.41 | 0.4 | 0 | 0.310 | 1967–2005 | |

LAW

ISI Category Description Law covers resources from both general and specialized areas of national and international law, including comparative law, criminology, business law, banking, corporate and tax law, constitutional law, civil rights, copyright and intellectual property law, environmental law, family law, medicine and the law as well as psychology and the law.

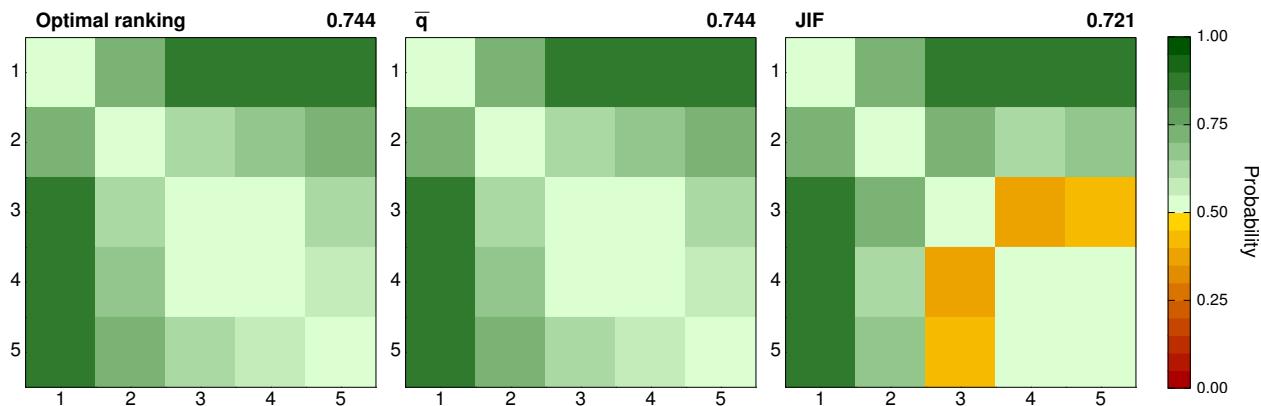


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|-----------------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | AUC | | \bar{q} | σ | | | | | |
| 1 | 2 | BUS LAWYER | 0.32 | 0.40 | 2.6 | 1 | 0.685 | 1981–2003 | | |
| 2 | 3 | FOOD DRUG LAW J | 0.04 | 0.48 | 1.2 | 0 | 0.397 | 1972–2005 | | |
| 3 | 1 | WASH QUART | 0.03 | 0.40 | 1.0 | 0 | 0.775 | 1982–2005 | | |
| 4 | 4 | ABA J | -0.39 | 0.32 | 0.1 | 0 | 0.356 | 1999–2006 | | |

LIMNOLOGY

ISI Category Description Limnology covers resources concerning the study of the physical, chemical, meteorological, biological and ecological aspects of freshwaters.

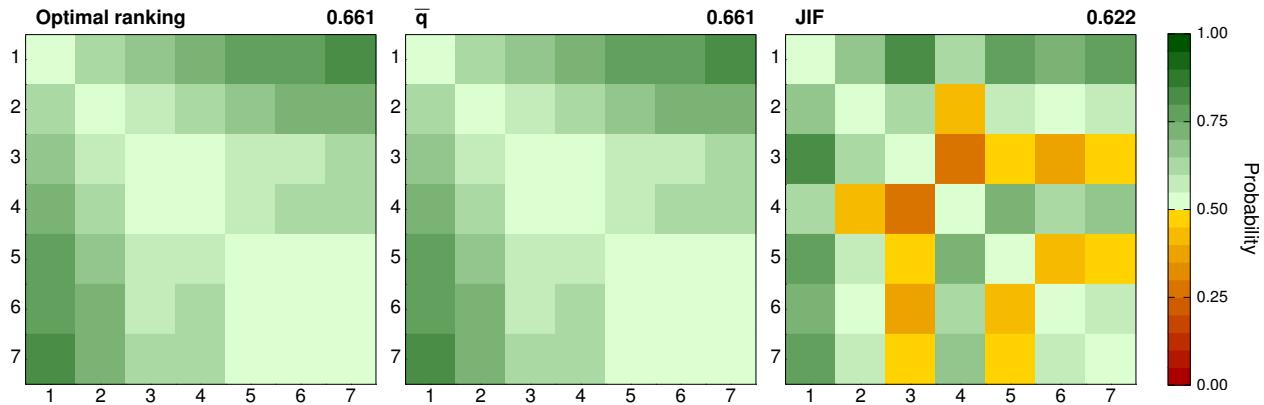


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | |
| 1 | 1 | LIMNOL OCEANOGR | 1.71 | 0.36 | 65.0 | 47 | 3.287 | 1970–1992 | |
| 2 | 2 | WATER RESOUR RES | 1.34 | 0.44 | 33.2 | 19 | 1.894 | 1981–1992 | |
| 3 | 4 | J GREAT LAKES RES | 1.12 | 0.38 | 16.1 | 11 | 1.000 | 1982–1995 | |
| 4 | 5 | WATER ENVIRON RES | 1.07 | 0.44 | 14.0 | 9 | 0.665 | 1991–1996 | |
| 5 | 3 | ARCH HYDROBIOL | 0.95 | 0.44 | 12.0 | 7 | 1.362 | 1967–1999 | |

MANAGEMENT

ISI Category Description Management covers resources on management science, organization studies, strategic planning and decision-making methods, leadership studies, and total quality management.

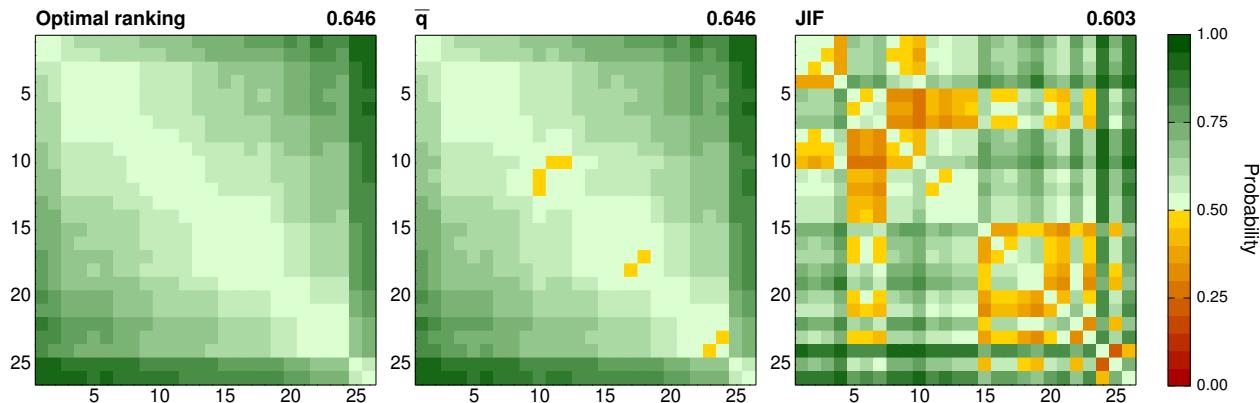


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| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | 1 | MANAGE SCI | 1.17 | 0.48 | 27.1 | 12 | 1.687 | 1957–1997 |
| 2 | 4 | 4 | HUM RELAT | 0.96 | 0.42 | 14.4 | 7 | 0.670 | 1955–2000 |
| 3 | 2 | 2 | HARVARD BUS REV | 0.79 | 0.60 | 18.3 | 4 | 1.505 | 1987–1997 |
| 4 | 6 | 6 | J OPER RES SOC | 0.74 | 0.42 | 7.8 | 4 | 0.597 | 1977–1997 |
| 5 | 7 | 7 | INTERFACES | 0.58 | 0.47 | 6.1 | 2 | 0.338 | 1973–2001 |
| 6 | 5 | 5 | OMEGA-INT J MANAGE S | 0.56 | 0.44 | 5.3 | 2 | 0.663 | 1974–2003 |
| 7 | 3 | 3 | LONG RANGE PLANN | 0.52 | 0.40 | 4.0 | 2 | 0.982 | 1989–2001 |

MARINE & FRESHWATER BIOLOGY

ISI Category Description Marine & Freshwater Biology covers resources concerning many aquatic sciences, including marine ecology and environmental research, aquatic biology, marine pollution and toxicology, aquatic botany and plant management, estuarine and coastal research, diseases of aquatic organisms, molluscan and shellfish research, fish biology and biofouling.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 4 | MAR ECOL-PROG SER | | 1.47 | 0.31 | 33.6 | 26 | 2.286 | 1991–1995 |
| 2 | 10 | MAR BIOL | | 1.45 | 0.37 | 35.9 | 24 | 1.756 | 1973–1987 |
| 3 | 9 | CAN J FISH AQUAT SCI | | 1.35 | 0.34 | 28.4 | 20 | 1.882 | 1988–1993 |
| 4 | 1 | AQUAT TOXICOL | | 1.32 | 0.32 | 26.1 | 19 | 2.964 | 1982–1996 |
| 5 | 3 | FRESHWATER BIOL | | 1.32 | 0.35 | 25.3 | 18 | 2.502 | 1972–1997 |
| 6 | 8 | J EXP MAR BIOL ECOL | | 1.31 | 0.30 | 23.5 | 18 | 1.919 | 1988–1995 |
| 7 | 2 | J PHYCOL | | 1.30 | 0.35 | 26.0 | 17 | 2.580 | 1964–1997 |
| 8 | 12 | J PLANKTON RES | | 1.30 | 0.35 | 23.9 | 17 | 1.617 | 1985–1995 |
| 9 | 11 | ESTUAR COAST SHELF S | | 1.25 | 0.35 | 21.2 | 15 | 1.733 | 1980–1997 |
| 10 | 13 | ESTUARIES | | 1.24 | 0.36 | 21.7 | 14 | 1.563 | 1978–1997 |
| 11 | 14 | J FISH BIOL | | 1.23 | 0.37 | 21.1 | 14 | 1.393 | 1968–1993 |
| 12 | 21 | ENVIRON BIOL FISH | | 1.24 | 0.42 | 21.0 | 15 | 0.934 | 1981–1990 |
| 13 | 23 | J MAR BIOL ASSOC UK | | 1.17 | 0.35 | 19.1 | 12 | 0.778 | 1983–1995 |
| 14 | 6 | AQUACULTURE | | 1.16 | 0.33 | 16.0 | 12 | 2.081 | 1993–1999 |
| 15 | 20 | J GREAT LAKES RES | | 1.12 | 0.38 | 16.1 | 11 | 1.000 | 1982–1995 |
| 16 | 17 | B MAR SCI | | 1.12 | 0.39 | 17.9 | 11 | 1.093 | 1965–1995 |
| 17 | 16 | AQUAT BOT | | 1.11 | 0.30 | 13.8 | 11 | 1.338 | 1994–1999 |
| 18 | 5 | MAR ENVIRON RES | | 1.11 | 0.37 | 15.7 | 10 | 2.106 | 1977–1997 |
| 19 | 7 | MAR POLLUT BULL | | 1.08 | 0.34 | 14.0 | 10 | 2.007 | 1995–2000 |
| 20 | 25 | J CRUSTACEAN BIOL | | 1.03 | 0.35 | 12.1 | 9 | 0.608 | 1981–1995 |
| 21 | 18 | HYDROBIOLOGIA | | 1.02 | 0.40 | 13.7 | 8 | 1.049 | 1984–1990 |
| 22 | 19 | BOT MAR | | 0.97 | 0.34 | 9.6 | 7 | 1.009 | 1992–1996 |
| 23 | 22 | NEW ZEAL J MAR FRESH | | 0.94 | 0.37 | 10.7 | 7 | 0.931 | 1976–1998 |

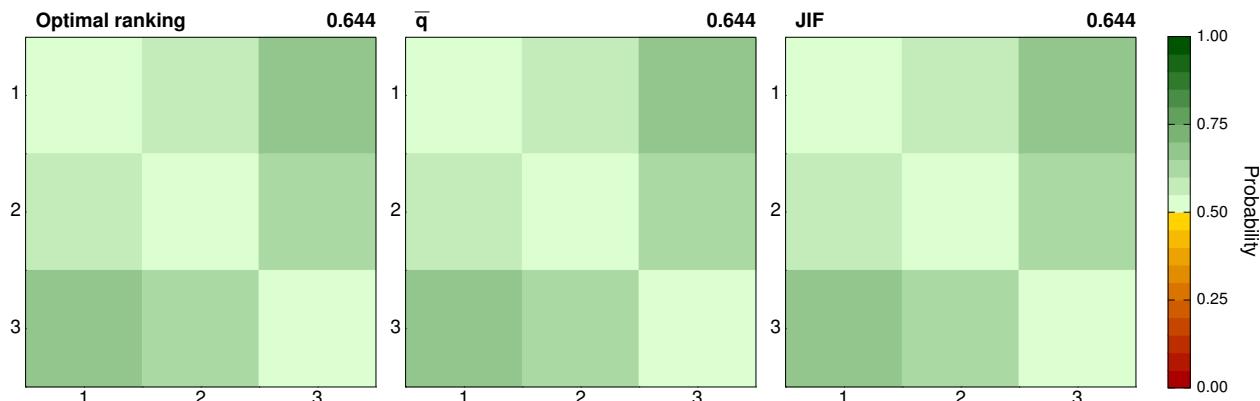
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| AUC | JIF | Journal abbreviation | p _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|-----------------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 15 | ARCH HYDROBIOL | 0.95 | 0.44 | 12.0 | 7 | 1.362 | 1967–1999 |
| 25 | 26 | CRUSTACEANA | 0.66 | 0.39 | 5.3 | 3 | 0.421 | 1975–1999 |
| 26 | 24 | ACTA HYDROCH HYDROB | 0.55 | 0.43 | 4.5 | 2 | 0.632 | 1991–2001 |

MATERIALS SCIENCE, BIOMATERIALS

ISI Category Description Materials Science, Biomaterials includes resources that analyze the physical characteristics of living tissue to aid in the development of synthetic replacements for repairs or augmentation of functions. Resources in this category cover the development, testing, performance, and biocompatibility of engineered biomaterials in vitro and in vivo for purposes such as medical implants, devices, and sensors.

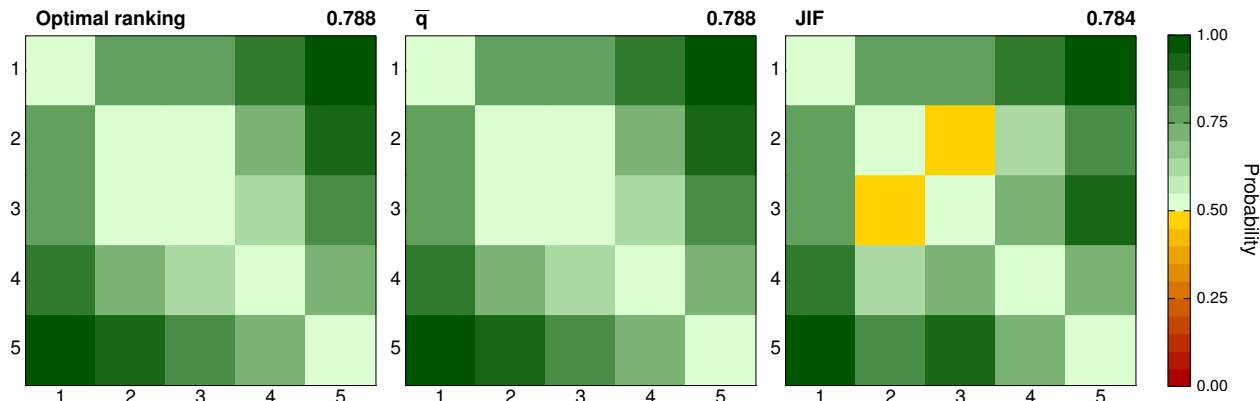


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|-----------|----|-------|-----------|------------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | BIOMATERIALS | 1.31 | 0.35 | 25.7 | 18 | 5.196 | 1991–2000 | |
| 2 | 2 | DENT MATER | 1.18 | 0.37 | 19.1 | 12 | 2.381 | 1987–2001 | |
| 3 | 3 | J MATER SCI-MATER M | 1.01 | 0.41 | 14.1 | 8 | 1.562 | 1990–1999 | |

MATERIALS SCIENCE, CERAMICS

ISI Category Description Materials Science, Ceramics covers resources that deal with inorganic materials with high-temperature melting points, including silicates and aluminosilicates, refractory metal oxides and metal nitrides, and borides. This category also includes resources discussing products such as earthenware, porcelain, brick, glass, and vitreous enamels.

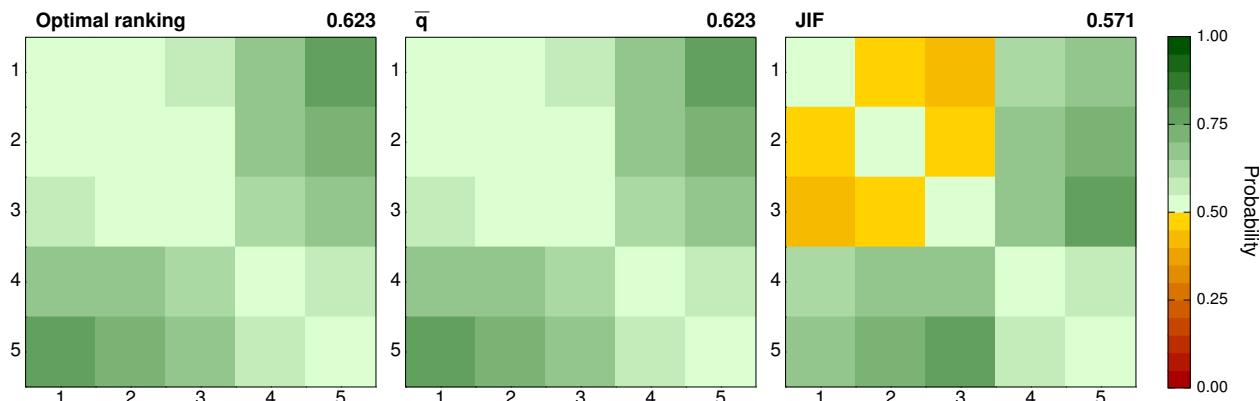


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|--------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | J AM CERAM SOC | 1.29 | 0.43 | 29.8 | 16 | 1.396 | 1956–1994 | |
| 2 | 3 | CERAM INT | 0.75 | 0.36 | 6.7 | 4 | 1.128 | 1985–2000 | |
| 3 | 2 | J NON-CRYST SOLIDS | 0.73 | 0.62 | 8.1 | 3 | 1.362 | 1995–1998 | |
| 4 | 4 | AM CERAM SOC BULL | 0.27 | 0.66 | 4.8 | 0 | 0.210 | 1992–2000 | |
| 5 | 5 | GLASS CERAM+ | -0.75 | 0.55 | 0.1 | 0 | 0.123 | 1999–2002 | |

MATERIALS SCIENCE, CHARACTERIZATION & TESTING

ISI Category Description Materials Science, Characterization & Testing covers resources that focus on techniques used to evaluate and test materials. These techniques include nondestructive testing, diffraction analysis, electron microscopy, electron spectroscopy, ion beam analysis, mechanical testing, optical characterization, and scanning tunneling microscopy.

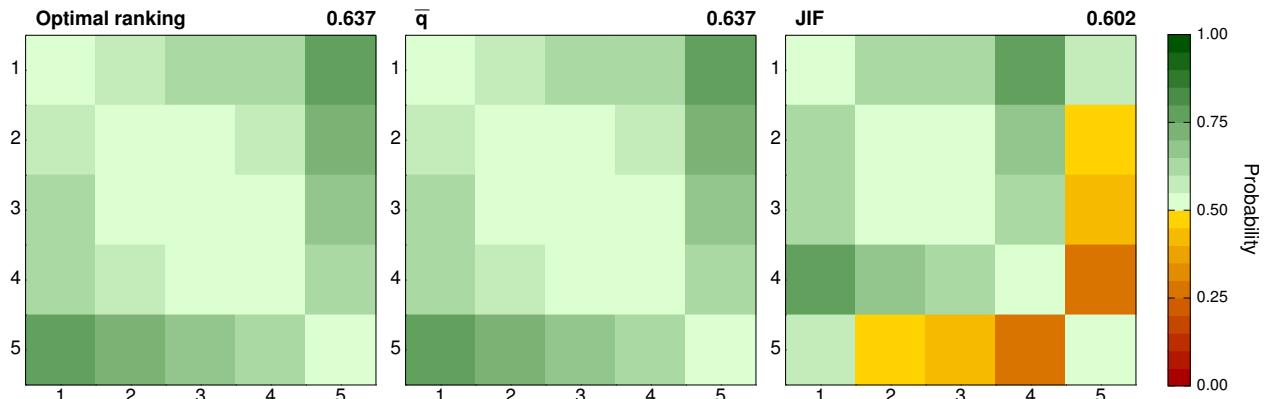


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|-----------|---|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | | |
| 1 | 3 | 3 | J TEST EVAL | 0.40 | 0.48 | 4.0 | 1 | 1 | 0.229 | 1973–2000 |
| 2 | 2 | 2 | ARCH MECH | 0.30 | 0.47 | 3.3 | 1 | 1 | 0.429 | 1965–1988 |
| 3 | 1 | 1 | MATER EVAL | 0.19 | 0.52 | 2.2 | 1 | 1 | 0.483 | 1964–2004 |
| 4 | 4 | 4 | MATER PERFORMANCE | -0.06 | 0.43 | 0.9 | 0 | 0 | 0.160 | 1990–2005 |
| 5 | 5 | 5 | RUSS J NONDESTRUCT+ | -0.32 | 0.39 | 0.3 | 0 | 0 | 0.115 | 1999–2006 |

MATERIALS SCIENCE, COATINGS & FILMS

ISI Category Description Materials Science, Coatings & Films covers resources that concentrate on research in coatings and films applied to a base material (substrate). Metals, alloys, resin solutions, and solid/liquid suspensions are the coatings most commonly used in industry. Application methods include electrolysis, vapor deposition, vacuum, or mechanical means such as spraying, calendering, roller coating, extrusion, or thermosetting.

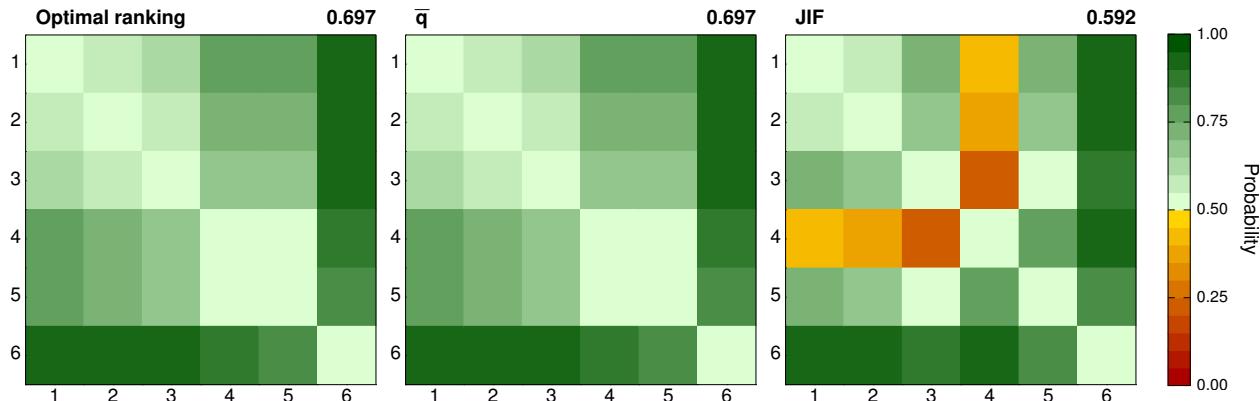


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | $p_{ss}(q J)$ | \bar{n} | n | Q2 | JIF | Steady-state |
|-----|------|----------------------|---------------|-----------|------|----|-------|--------------|
| | JIF | Journal abbreviation | | | | | | period |
| 1 | 1 | J ELECTROCHEM SOC | 1.13 | 0.41 | 20.5 | 11 | 2.387 | 1985–1998 |
| 2 | 5 | J VAC SCI TECHNOL A | 1.03 | 0.41 | 14.4 | 8 | 1.394 | 1992–1996 |
| 3 | 2 | THIN SOLID FILMS | 0.96 | 0.41 | 12.3 | 7 | 1.666 | 1989–1994 |
| 4 | 3 | SURF COAT TECH | 0.91 | 0.45 | 11.2 | 6 | 1.559 | 1986–1995 |
| 5 | 4 | APPL SURF SCI | 0.62 | 0.49 | 5.7 | 3 | 1.436 | 1996–1999 |

MATERIALS SCIENCE, COMPOSITES

ISI Category Description Materials Science, Composites covers resources that focus on mixtures or mechanical combinations of two or more materials that are solid in the finished state, are mutually insoluble, and differ in chemical nature. The major types of composites are 1) laminates of paper, fabric, or wood and a thermosetting material; 2) reinforced plastics; 3) cermets (ceramic and metal powders); 4) fabrics of natural and synthetic fibers; and 5) filled composites, in which a bonding material is loaded with filler in the form of flakes or small particles.

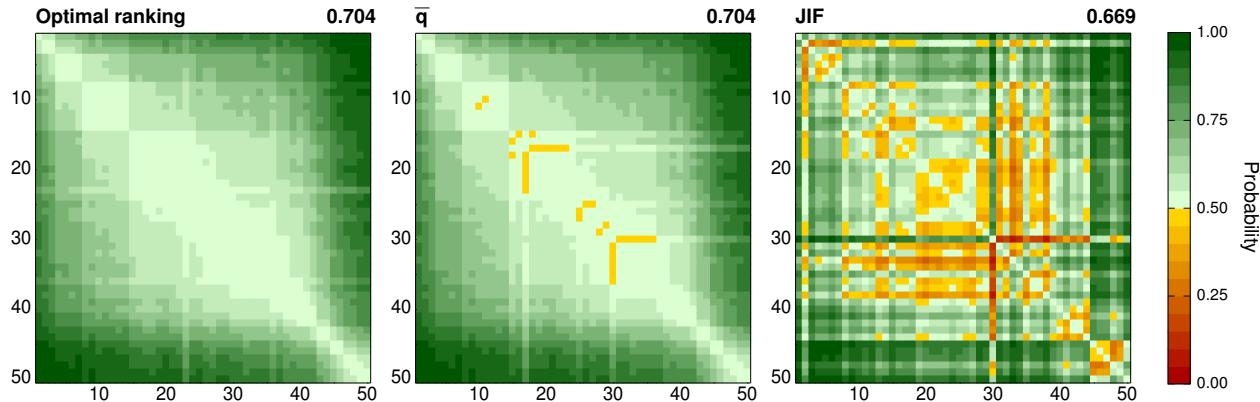


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 4 | J COMPOS MATER | 1.21 | 0.46 | 26.0 | 13 | 0.693 | 1967–1992 |
| 2 | 1 | COMPOS SCI TECHNOL | 1.12 | 0.41 | 17.2 | 11 | 2.027 | 1984–1993 |
| 3 | 2 | POLYM COMPOSITE | 0.99 | 0.41 | 13.5 | 8 | 1.163 | 1981–1997 |
| 4 | 3 | COMPOS STRUCT | 0.73 | 0.37 | 6.0 | 4 | 1.002 | 1994–2000 |
| 5 | 5 | J REINF PLAST COMP | 0.67 | 0.42 | 5.6 | 3 | 0.427 | 1987–1997 |
| 6 | 6 | MECH COMPOS MATER | -0.13 | 0.42 | 0.5 | 0 | 0.275 | 2002–2006 |

MATERIALS SCIENCE, MULTIDISCIPLINARY

ISI Category Description Materials Science, Multidisciplinary covers resources having a general or multidisciplinary approach to the study of the nature, behavior, and use of materials. Relevant topics include ceramics, composites, alloys, metals and metallurgy, nanotechnology, nuclear materials, and adhesion and adhesives.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ADV MATER | 1.47 | 0.43 | 39.9 | 25 | 7.896 | 1995–2001 |
| 2 | 3 | CHEM MATER | 1.33 | 0.38 | 29.0 | 18 | 5.104 | 1989–2000 |
| 3 | 6 | J MECH PHYS SOLIDS | 1.28 | 0.44 | 42.4 | 16 | 3.609 | 1954–1997 |
| 4 | 7 | J MATER RES | 1.14 | 0.41 | 22.8 | 11 | 2.354 | 1987–1995 |
| 5 | 5 | CARBON | 1.15 | 0.41 | 19.3 | 11 | 3.884 | 1963–1998 |
| 6 | 33 | J MATER SCI | 1.13 | 0.42 | 21.4 | 11 | 0.999 | 1968–1981 |
| 7 | 4 | J MATER CHEM | 1.11 | 0.36 | 15.9 | 10 | 4.287 | 1990–2001 |
| 8 | 38 | CORROSION | 1.03 | 0.41 | 13.8 | 9 | 0.687 | 1963–1994 |
| 9 | 9 | CORROS SCI | 1.01 | 0.34 | 11.5 | 8 | 1.885 | 1996–2000 |
| 10 | 10 | APPL PHYS A-MATER | 1.00 | 0.45 | 15.7 | 8 | 1.739 | 1980–1997 |
| 11 | 15 | PHYS CHEM MINER | 1.00 | 0.38 | 11.3 | 8 | 1.517 | 1996–2000 |
| 12 | 34 | J ADHES SCI TECHNOL | 0.97 | 0.40 | 11.2 | 7 | 0.868 | 1987–1997 |
| 13 | 31 | J ADHESION | 0.96 | 0.41 | 13.8 | 7 | 1.046 | 1968–1992 |
| 14 | 12 | THIN SOLID FILMS | 0.96 | 0.41 | 12.3 | 7 | 1.666 | 1989–1994 |
| 15 | 18 | MATER RES BULL | 0.87 | 0.41 | 9.7 | 6 | 1.383 | 1989–1998 |
| 16 | 11 | SYNTHETIC MET | 0.86 | 0.43 | 10.7 | 6 | 1.685 | 1994–1997 |
| 17 | 29 | WEAR | 0.86 | 0.43 | 10.3 | 5 | 1.180 | 1965–1996 |
| 18 | 36 | ACI MATER J | 0.87 | 0.44 | 8.8 | 6 | 0.764 | 1986–1998 |
| 19 | 17 | MAT SCI ENG A-STRUCT | 0.85 | 0.39 | 9.1 | 5 | 1.490 | 1998–2000 |
| 20 | 28 | CEMENT CONCRETE RES | 0.84 | 0.34 | 7.3 | 5 | 1.185 | 1996–2000 |
| 21 | 16 | J ELECTRON MATER | 0.84 | 0.41 | 9.4 | 5 | 1.504 | 1988–1999 |
| 22 | 8 | SOL ENERG MAT SOL C | 0.81 | 0.42 | 8.4 | 5 | 2.321 | 1991–2000 |
| 23 | 2 | MRS BULL | 0.86 | 0.67 | 14.1 | 5 | 5.671 | 1989–2002 |
| 24 | 24 | J ALLOY COMPD | 0.80 | 0.42 | 8.2 | 5 | 1.250 | 1990–1997 |

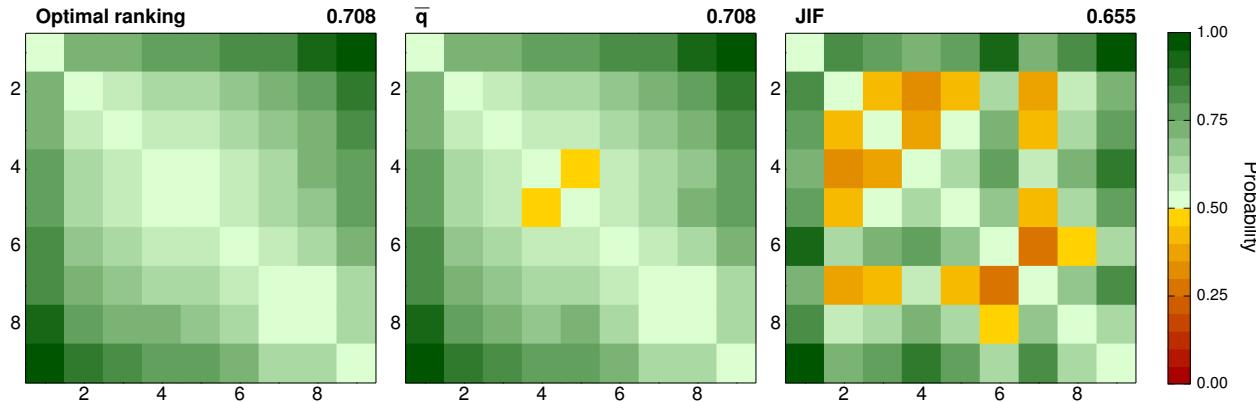
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 37 | FATIGUE FRACT ENG M | 0.78 | 0.38 | 7.3 | 4 | 0.756 | 1985–1999 |
| 26 | 25 | J ENG MATER-T ASME | 0.77 | 0.45 | 10.5 | 4 | 1.239 | 1976–1999 |
| 27 | 23 | J NUCL MATER | 0.79 | 0.50 | 8.1 | 4 | 1.261 | 1990–1994 |
| 28 | 14 | SEMICOND SCI TECH | 0.75 | 0.39 | 7.1 | 4 | 1.586 | 1991–1997 |
| 29 | 32 | INT J FATIGUE | 0.75 | 0.39 | 6.4 | 4 | 1.020 | 1982–2001 |
| 30 | 21 | MATER LETT | 0.71 | 0.40 | 6.7 | 4 | 1.353 | 1984–2000 |
| 31 | 22 | MAT SCI ENG B-SOLID | 0.71 | 0.40 | 6.5 | 4 | 1.331 | 1989–2000 |
| 32 | 44 | FERROELECTRICS | 0.70 | 0.50 | 9.0 | 3 | 0.389 | 1972–1993 |
| 33 | 39 | ACI STRUCT J | 0.69 | 0.43 | 6.7 | 4 | 0.657 | 1986–1999 |
| 34 | 13 | MATER CHEM PHYS | 0.69 | 0.41 | 6.3 | 3 | 1.657 | 1982–2002 |
| 35 | 26 | PHYS STATUS SOLIDI A | 0.69 | 0.41 | 6.4 | 3 | 1.221 | 1984–2000 |
| 36 | 19 | J NON-CRYST SOLIDS | 0.73 | 0.62 | 8.1 | 3 | 1.362 | 1995–1998 |
| 37 | 20 | PHILOS MAG | 0.66 | 0.39 | 6.0 | 3 | 1.354 | 1978–2003 |
| 38 | 27 | J MAGN MAGN MATER | 0.64 | 0.48 | 6.9 | 3 | 1.212 | 1997–2000 |
| 39 | 35 | VACUUM | 0.58 | 0.43 | 5.2 | 2 | 0.834 | 1965–2001 |
| 40 | 42 | MATER STRUCT | 0.57 | 0.47 | 5.7 | 2 | 0.459 | 1990–1996 |
| 41 | 40 | J MATER PROCESS TECH | 0.54 | 0.40 | 3.8 | 2 | 0.615 | 1989–2001 |
| 42 | 43 | J MATER ENG PERFORM | 0.46 | 0.40 | 3.9 | 2 | 0.417 | 1991–1992 |
| 43 | 48 | ANN CHIM-SCI MAT | 0.35 | 0.43 | 2.7 | 1 | 0.288 | 1977–2002 |
| 44 | 41 | B MATER SCI | 0.32 | 0.44 | 2.3 | 1 | 0.522 | 1985–2003 |
| 45 | 49 | MATERIALWISS WERKST | 0.16 | 0.44 | 1.5 | 1 | 0.264 | 1987–2003 |
| 46 | 30 | KOVOVE MATER | 0.06 | 0.40 | 1.0 | 0 | 1.138 | 1976–2001 |
| 47 | 47 | ADV MATER PROCESS | -0.16 | 0.52 | 0.8 | 0 | 0.312 | 1991–2005 |
| 48 | 46 | COMBUST EXPLO SHOCK+ | -0.16 | 0.46 | 0.7 | 0 | 0.358 | 1972–2005 |
| 49 | 45 | INORG MATER+ | -0.31 | 0.46 | 0.4 | 0 | 0.374 | 1975–2005 |
| 50 | 50 | IND DIAMOND REV | -0.43 | 0.53 | 0.4 | 0 | 0.034 | 1969–2000 |

MATERIALS SCIENCE, PAPER & WOOD

ISI Category Description Materials Science, Paper & Wood includes resources that cover all aspects of wood and/or paper production. Topics include cellulose chemistry and technology, pulp and paper science, paper fabrication techniques, and wood and fiber science and technology.

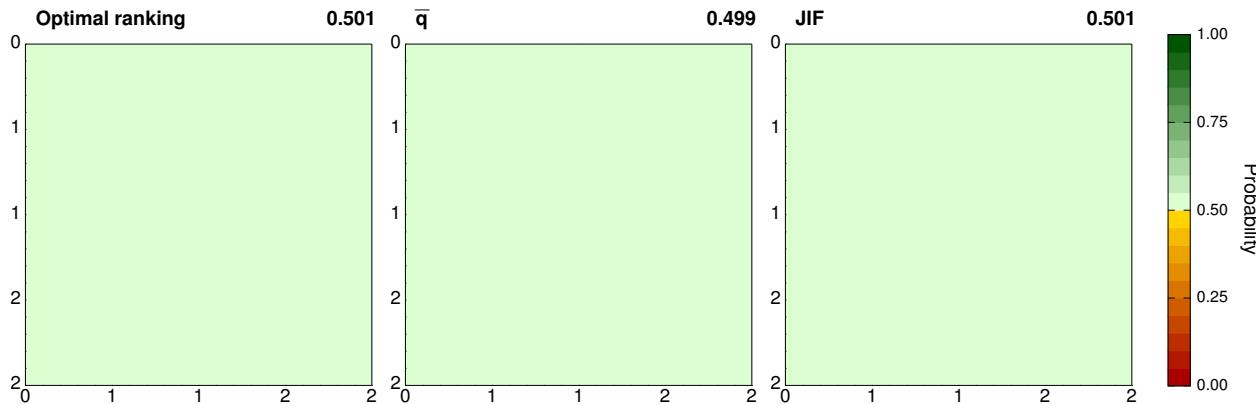


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | HOLZFORSCHUNG | 0.94 | 0.41 | 11.5 | 7 | 1.014 | 1965–1999 | |
| 2 | 4 | FOREST PROD J | 0.56 | 0.39 | 4.3 | 2 | 0.387 | 1975–2000 | |
| 3 | 7 | MOKUZAI GAKKAISHI | 0.49 | 0.47 | 3.6 | 2 | 0.168 | 1984–1998 | |
| 4 | 3 | HOLZ ROH WERKST | 0.37 | 0.44 | 2.7 | 1 | 0.514 | 1974–2001 | |
| 5 | 5 | APPITA J | 0.38 | 0.52 | 3.2 | 1 | 0.301 | 1984–2000 | |
| 6 | 2 | TAPPI J | 0.21 | 0.53 | 1.8 | 0 | 0.675 | 2001–2003 | |
| 7 | 8 | PAP PUU-PAP TIM | -0.01 | 0.78 | 2.0 | 0 | 0.065 | 1972–1997 | |
| 8 | 6 | PULP PAP-CANADA | -0.15 | 0.50 | 0.8 | 0 | 0.176 | 1971–2003 | |
| 9 | 9 | WOCHENBBL PAPIERFABR | -0.53 | 0.46 | 0.2 | 0 | 0.012 | 1997–2006 | |

MATERIALS SCIENCE, TEXTILES

ISI Category Description Materials Science, Textiles covers resources that focus on the manufacture of clothing and furniture from materials made of natural fibers (e.g., leather, cotton, wool, wood) and/or synthetic fibers (e.g., polyester, vinyl, nylon). Resources covering dyes and colors and fiber chemistry are also included.

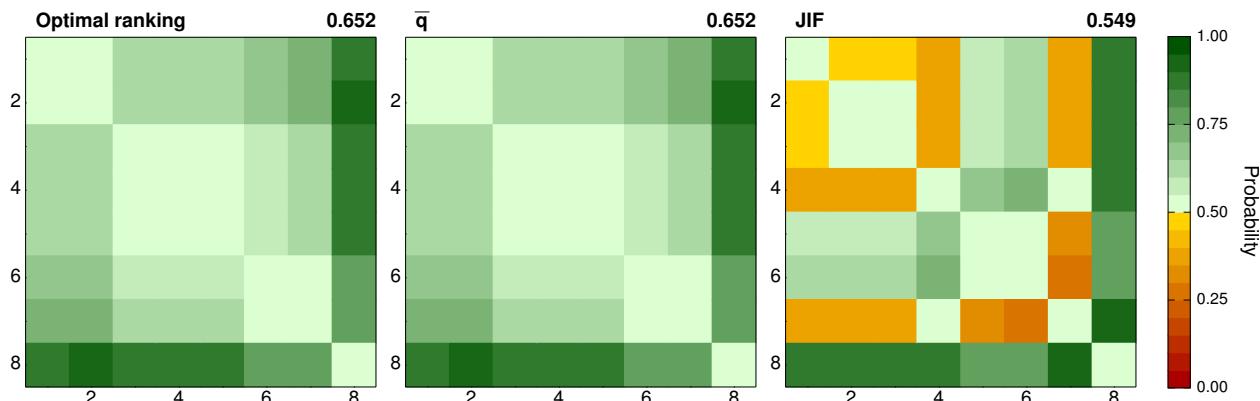


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | DYES PIGMENTS | 0.69 | 0.36 | 5.9 | 3 | 1.909 | 1980–2003 | |
| 2 | 2 | TEXT RES J | 0.69 | 0.38 | 5.8 | 4 | 0.578 | 1971–1999 | |

MATHEMATICAL & COMPUTATIONAL BIOLOGY

ISI Category Description Mathematical and Computational Biology includes resources concerning the use of mathematical, statistical and computational methods to address data analysis, modeling, and information management in biological problems, processes and systems. Among the areas covered are biostatistics, bioinformatics, biometrics, modeling of biological systems, and computational biology.

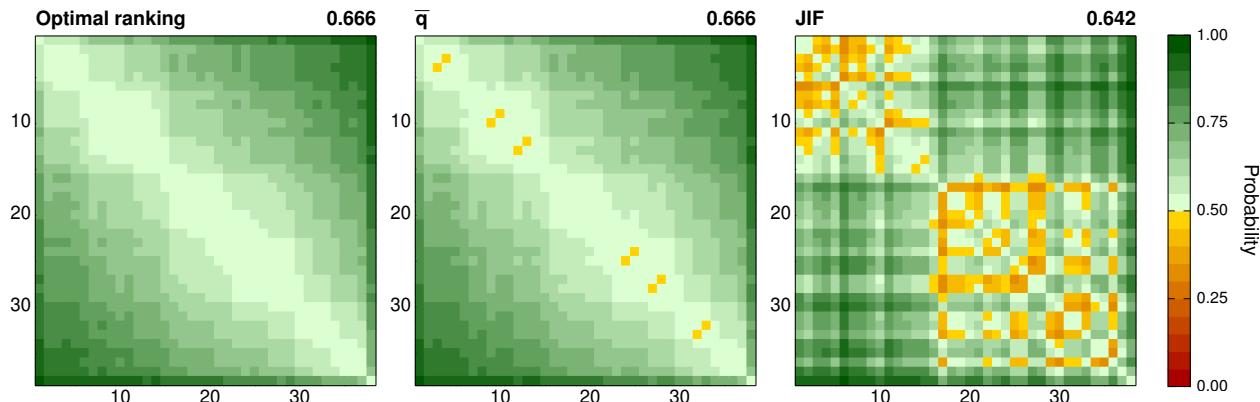


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 4 | BIOMETRICS | | 1.25 | 0.46 | 48.1 | 14 | 1.489 | 1954–1994 |
| 2 | 7 | BIOMETRIKA | | 1.22 | 0.42 | 36.8 | 13 | 1.014 | 1955–1996 |
| 3 | 2 | STAT MED | | 1.04 | 0.40 | 16.9 | 9 | 1.737 | 1994–1997 |
| 4 | 3 | J MATH BIOL | | 1.04 | 0.41 | 16.5 | 9 | 1.664 | 1975–1998 |
| 5 | 1 | J THEOR BIOL | | 1.03 | 0.41 | 16.3 | 9 | 2.264 | 1980–1998 |
| 6 | 5 | MATH BIOSCI | | 0.89 | 0.44 | 12.4 | 6 | 1.126 | 1975–2001 |
| 7 | 6 | MED BIOL ENG COMPUT | | 0.82 | 0.42 | 9.2 | 5 | 1.018 | 1976–1999 |
| 8 | 8 | BIOMETRICAL J | | 0.27 | 0.44 | 2.3 | 1 | 0.612 | 1989–2005 |

MATHEMATICS, APPLIED

ISI Category Description Mathematics, Applied covers resources concerned with areas of mathematics that may be applied to other fields of science. It includes areas such as differential equations, numerical analysis, nonlinearity, control, software, systems analysis, computational mathematics and mathematical modeling. Resources that are concerned with mathematical methods and whose primary focus is on a specific non-mathematics discipline such as biology, psychology, history, economics etc., are covered in the MATHEMATICS, INTERDISCIPLINARY APPLICATIONS category.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 6 | NONLINEARITY | 1.23 | 0.37 | 25.2 | 16 | 1.288 | 1989–1991 |
| 2 | 8 | FUZZY SET SYST | 1.11 | 0.45 | 23.4 | 11 | 1.181 | 1980–1987 |
| 3 | 4 | SIAM J NUMER ANAL | 1.10 | 0.43 | 21.3 | 10 | 1.335 | 1967–1999 |
| 4 | 11 | MATH PROGRAM | 1.11 | 0.43 | 18.6 | 10 | 1.117 | 1976–1998 |
| 5 | 7 | SIAM J CONTROL OPTIM | 1.09 | 0.43 | 17.5 | 10 | 1.263 | 1976–1996 |
| 6 | 3 | SIAM J COMPUT | 1.02 | 0.40 | 16.1 | 8 | 1.361 | 1989–1997 |
| 7 | 12 | NUMER MATH | 0.98 | 0.44 | 16.7 | 8 | 1.116 | 1966–1997 |
| 8 | 1 | PHYSICA D | 0.98 | 0.39 | 12.6 | 8 | 1.674 | 1996–2000 |
| 9 | 9 | MATH COMPUT | 0.93 | 0.44 | 18.9 | 7 | 1.155 | 1963–1992 |
| 10 | 13 | INFORM COMPUT | 0.94 | 0.46 | 15.7 | 6 | 1.107 | 1983–1996 |
| 11 | 5 | INVERSE PROBL | 0.91 | 0.40 | 11.0 | 6 | 1.319 | 1985–1999 |
| 12 | 2 | SIAM J APPL MATH | 0.90 | 0.46 | 13.4 | 6 | 1.425 | 1965–2000 |
| 13 | 15 | ALGORITHMICA | 0.90 | 0.46 | 12.1 | 6 | 0.850 | 1988–1997 |
| 14 | 14 | COMMUN PART DIFF EQ | 0.88 | 0.43 | 11.2 | 5 | 1.094 | 1981–1997 |
| 15 | 10 | SIAM J MATH ANAL | 0.82 | 0.43 | 9.9 | 5 | 1.134 | 1973–2002 |
| 16 | 27 | ANN PURE APPL LOGIC | 0.75 | 0.43 | 7.3 | 4 | 0.582 | 1983–1996 |
| 17 | 21 | NONLINEAR ANAL-THEOR | 0.73 | 0.45 | 7.9 | 4 | 0.677 | 1980–1994 |
| 18 | 28 | DISCRETE APPL MATH | 0.72 | 0.45 | 7.8 | 4 | 0.577 | 1978–1996 |
| 19 | 16 | APPL NUMER MATH | 0.71 | 0.43 | 6.9 | 4 | 0.835 | 1984–1999 |
| 20 | 24 | J OPTIMIZ THEORY APP | 0.70 | 0.45 | 7.7 | 3 | 0.633 | 1974–1998 |
| 21 | 20 | P ROY SOC EDINB A | 0.66 | 0.44 | 6.7 | 3 | 0.684 | 1976–1998 |

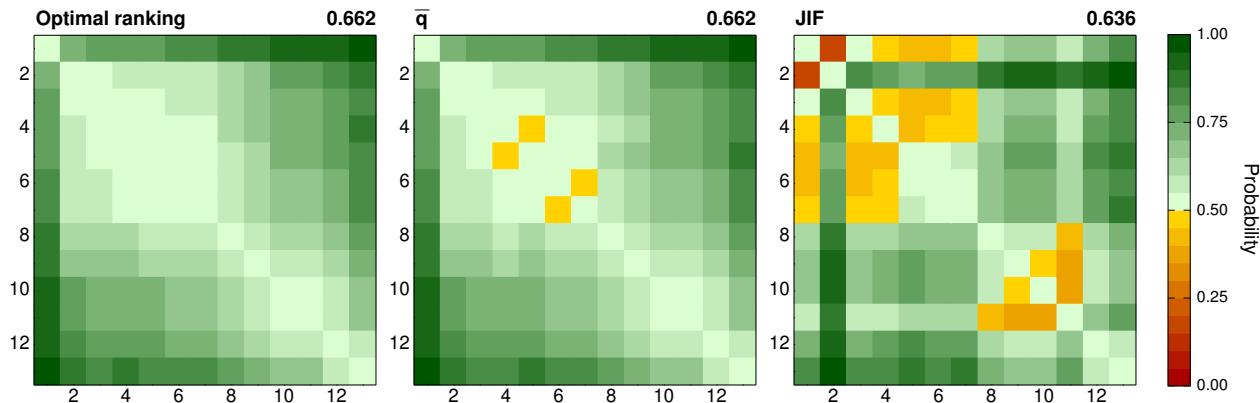
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 22 | 33 | J PURE APPL ALGEBRA | 0.63 | 0.41 | 5.5 | 3 | 0.470 | 1985–1997 |
| 23 | 18 | J COMPUT APPL MATH | 0.61 | 0.42 | 5.4 | 3 | 0.759 | 1982–2000 |
| 24 | 19 | J MATH ANAL APPL | 0.61 | 0.46 | 6.3 | 3 | 0.758 | 1983–1992 |
| 25 | 23 | J SYMB COMPUT | 0.61 | 0.41 | 5.0 | 3 | 0.641 | 1994–2002 |
| 26 | 36 | TOPOL APPL | 0.57 | 0.39 | 4.5 | 3 | 0.388 | 1980–1995 |
| 27 | 31 | P AM MATH SOC | 0.54 | 0.43 | 4.5 | 2 | 0.513 | 1967–1994 |
| 28 | 22 | Z ANGEW MATH PHYS | 0.54 | 0.48 | 4.8 | 2 | 0.652 | 1970–2002 |
| 29 | 32 | MATH METHOD APPL SCI | 0.53 | 0.42 | 4.2 | 2 | 0.473 | 1991–2001 |
| 30 | 26 | LINEAR ALGEBRA APPL | 0.44 | 0.42 | 3.4 | 2 | 0.585 | 1994–2001 |
| 31 | 25 | COMPUT MATH APPL | 0.42 | 0.45 | 3.7 | 1 | 0.611 | 1979–2002 |
| 32 | 29 | APPL MATH LETT | 0.37 | 0.44 | 3.0 | 1 | 0.546 | 1990–2002 |
| 33 | 17 | APPL MATH COMPUT | 0.37 | 0.47 | 3.4 | 1 | 0.816 | 1984–2001 |
| 34 | 34 | MATH COMPUT MODEL | 0.31 | 0.47 | 2.9 | 1 | 0.432 | 1987–2002 |
| 35 | 30 | MATH COMPUT SIMULAT | 0.26 | 0.44 | 2.3 | 1 | 0.534 | 1981–2003 |
| 36 | 35 | INT J COMPUT MATH | 0.26 | 0.48 | 2.6 | 1 | 0.428 | 1964–2001 |
| 37 | 37 | SCI CHINA SER A | 0.17 | 0.47 | 1.9 | 1 | 0.311 | 1984–2002 |
| 38 | 38 | PMM-J APPL MATH MEC+ | -0.34 | 0.52 | 0.6 | 0 | 0.191 | 1965–2003 |

MATHEMATICS, INTERDISCIPLINARY APPLICATIONS

ISI Category Description Mathematics, Interdisciplinary Applications includes resources concerned with mathematical methods whose primary focus is on a specific non-mathematics discipline such as biology, psychology, history, economics, etc. Resources that focus on specific mathematical topics such as differential equations, numerical analysis, nonlinearity, etc., are covered in the MATHEMATICS, APPLIED category.

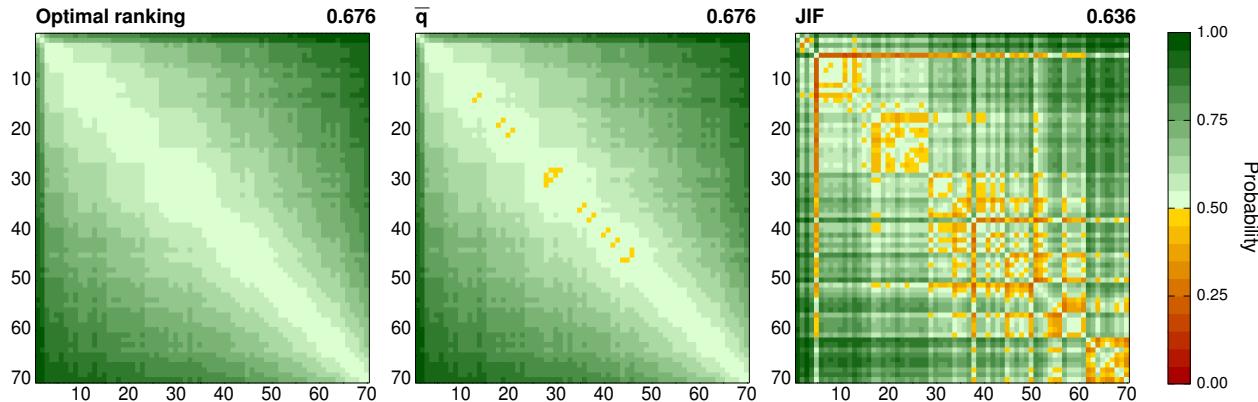


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state | |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|--------------|--|
| | JIF | Rank | | \bar{q} | σ | | | | period | |
| 1 | 2 | ECONOMETRICA | 1.58 | 0.45 | 88.6 | 35 | 2.402 | 1980–1994 | | |
| 2 | 5 | J ECONOMETRICS | 1.13 | 0.45 | 28.1 | 11 | 1.669 | 1979–1996 | | |
| 3 | 6 | ARCH RATION MECH AN | 1.08 | 0.47 | 21.4 | 9 | 1.650 | 1956–1999 | | |
| 4 | 7 | INT J NUMER METH ENG | 1.03 | 0.39 | 16.3 | 9 | 1.497 | 1990–1996 | | |
| 5 | 4 | RISK ANAL | 1.04 | 0.45 | 16.2 | 9 | 1.938 | 1983–1999 | | |
| 6 | 1 | CHEMOMETR INTELL LAB | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 | | |
| 7 | 3 | COMPUT METHOD APPL M | 0.97 | 0.47 | 17.8 | 7 | 2.015 | 1976–1998 | | |
| 8 | 11 | INT J NUMER METH FL | 0.85 | 0.43 | 11.5 | 5 | 0.870 | 1980–1998 | | |
| 9 | 8 | INT J QUANTUM CHEM | 0.77 | 0.52 | 8.9 | 4 | 1.182 | 1992–1998 | | |
| 10 | 10 | ENG ANAL BOUND ELEM | 0.62 | 0.40 | 5.1 | 3 | 0.883 | 1984–2002 | | |
| 11 | 9 | EDUC PSYCHOL MEAS | 0.61 | 0.44 | 6.6 | 3 | 0.921 | 1964–2000 | | |
| 12 | 12 | APPL MATH MODEL | 0.47 | 0.43 | 4.0 | 2 | 0.583 | 1977–2002 | | |
| 13 | 13 | J FRANKLIN I | 0.31 | 0.45 | 2.3 | 1 | 0.362 | 1985–2004 | | |

MATHEMATICS

ISI Category Description Mathematics covers resources having a broad, general approach to the field. The category also includes resources focusing on specific fields of basic research in Mathematics such as topology, algebra, functional analysis, combinatorial theory, differential geometry and number theory.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ANN MATH | 1.45 | 0.44 | 45.2 | 25 | 2.426 | 1954–1995 |
| 2 | 3 | INVENT MATH | 1.22 | 0.35 | 21.4 | 14 | 1.659 | 1987–1993 |
| 3 | 13 | J FUNCT ANAL | 1.00 | 0.43 | 15.4 | 8 | 0.866 | 1975–1995 |
| 4 | 11 | P LOND MATH SOC | 0.96 | 0.42 | 12.9 | 7 | 0.902 | 1964–1996 |
| 5 | 4 | DUKE MATH J | 0.96 | 0.40 | 12.8 | 7 | 1.409 | 1987–1996 |
| 6 | 2 | B AM MATH SOC | 0.94 | 0.40 | 17.9 | 6 | 2.385 | 1978–2002 |
| 7 | 6 | J DIFFER EQUATIONS | 0.90 | 0.40 | 9.9 | 6 | 1.166 | 1992–1998 |
| 8 | 8 | COMMUN PART DIFF EQ | 0.88 | 0.43 | 11.2 | 5 | 1.094 | 1981–1997 |
| 9 | 14 | J REINE ANGEW MATH | 0.87 | 0.40 | 10.0 | 5 | 0.860 | 1980–1996 |
| 10 | 7 | ADV MATH | 0.85 | 0.45 | 11.1 | 5 | 1.143 | 1992–1998 |
| 11 | 9 | INDIANA U MATH J | 0.85 | 0.46 | 12.3 | 5 | 1.029 | 1969–1996 |
| 12 | 16 | J COMB THEORY B | 0.84 | 0.42 | 10.1 | 5 | 0.792 | 1974–1995 |
| 13 | 10 | AM J MATH | 0.83 | 0.38 | 8.7 | 5 | 0.933 | 1988–1999 |
| 14 | 12 | MATH ANN | 0.84 | 0.44 | 10.3 | 5 | 0.902 | 1954–1993 |
| 15 | 22 | J COMB THEORY A | 0.81 | 0.41 | 9.4 | 5 | 0.677 | 1974–1994 |
| 16 | 19 | ANN I FOURIER | 0.79 | 0.45 | 9.7 | 4 | 0.698 | 1966–1995 |
| 17 | 27 | MATH Z | 0.76 | 0.43 | 8.3 | 4 | 0.570 | 1961–1995 |
| 18 | 15 | T AM MATH SOC | 0.75 | 0.41 | 8.0 | 4 | 0.820 | 1989–1998 |
| 19 | 23 | COMPOS MATH | 0.75 | 0.44 | 8.4 | 4 | 0.675 | 1967–1997 |
| 20 | 28 | J ALGEBRA | 0.74 | 0.42 | 7.7 | 4 | 0.568 | 1981–1991 |
| 21 | 26 | ANN PURE APPL LOGIC | 0.75 | 0.43 | 7.3 | 4 | 0.582 | 1983–1996 |
| 22 | 21 | NONLINEAR ANAL-THEOR | 0.73 | 0.45 | 7.9 | 4 | 0.677 | 1980–1994 |
| 23 | 25 | J LOND MATH SOC | 0.73 | 0.41 | 6.8 | 4 | 0.617 | 1977–1996 |
| 24 | 51 | DISCRETE MATH | 0.67 | 0.44 | 7.1 | 3 | 0.347 | 1974–1989 |

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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 20 | P ROY SOC EDINB A | 0.66 | 0.44 | 6.7 | 3 | 0.684 | 1976–1998 |
| 26 | 24 | J SYMBOLIC LOGIC | 0.66 | 0.44 | 6.7 | 3 | 0.664 | 1965–1993 |
| 27 | 37 | J PURE APPL ALGEBRA | 0.63 | 0.41 | 5.5 | 3 | 0.470 | 1985–1997 |
| 28 | 30 | MATH PROC CAMBRIDGE | 0.63 | 0.40 | 5.2 | 3 | 0.536 | 1987–1999 |
| 29 | 39 | CAN J MATH | 0.63 | 0.44 | 6.0 | 3 | 0.464 | 1971–1997 |
| 30 | 40 | PAC J MATH | 0.62 | 0.43 | 5.9 | 3 | 0.411 | 1969–1996 |
| 31 | 18 | EUR J COMBIN | 0.63 | 0.44 | 5.0 | 3 | 0.710 | 1985–1996 |
| 32 | 17 | J MATH ANAL APPL | 0.61 | 0.46 | 6.3 | 3 | 0.758 | 1983–1992 |
| 33 | 42 | J GRAPH THEOR | 0.59 | 0.38 | 4.5 | 3 | 0.403 | 1992–2000 |
| 34 | 33 | J APPROX THEORY | 0.58 | 0.43 | 5.0 | 2 | 0.500 | 1974–1998 |
| 35 | 44 | TOPOL APPL | 0.57 | 0.39 | 4.5 | 3 | 0.388 | 1980–1995 |
| 36 | 31 | STUD MATH | 0.58 | 0.44 | 4.9 | 2 | 0.515 | 1978–1999 |
| 37 | 32 | P AM MATH SOC | 0.54 | 0.43 | 4.5 | 2 | 0.513 | 1967–1994 |
| 38 | 52 | ACTA ARITH | 0.54 | 0.42 | 4.1 | 2 | 0.345 | 1980–1997 |
| 39 | 57 | COMMUN ALGEBRA | 0.50 | 0.41 | 4.0 | 2 | 0.268 | 1982–1994 |
| 40 | 47 | MANUSCRIPTA MATH | 0.48 | 0.38 | 3.4 | 2 | 0.376 | 1991–2001 |
| 41 | 36 | J NUMBER THEORY | 0.49 | 0.40 | 3.3 | 2 | 0.479 | 1993–2000 |
| 42 | 29 | B LOND MATH SOC | 0.44 | 0.36 | 3.2 | 2 | 0.556 | 1994–2002 |
| 43 | 35 | INTEGR EQUAT OPER TH | 0.44 | 0.39 | 3.1 | 2 | 0.481 | 1996–2003 |
| 44 | 43 | FUND MATH | 0.43 | 0.41 | 3.0 | 2 | 0.398 | 1980–2001 |
| 45 | 61 | AM MATH MON | 0.44 | 0.50 | 5.5 | 1 | 0.237 | 1960–1995 |
| 46 | 49 | SEMIGROUP FORUM | 0.43 | 0.44 | 3.2 | 2 | 0.361 | 1978–1998 |
| 47 | 53 | ARCH MATH | 0.40 | 0.44 | 3.2 | 1 | 0.341 | 1965–1996 |
| 48 | 41 | GEOMETRIAE DEDICATA | 0.38 | 0.40 | 3.0 | 1 | 0.408 | 1990–2002 |
| 49 | 46 | MATH NACHR | 0.38 | 0.44 | 3.1 | 1 | 0.382 | 1964–2001 |
| 50 | 48 | ILLINOIS J MATH | 0.35 | 0.40 | 2.5 | 1 | 0.374 | 1996–2002 |
| 51 | 34 | OSAKA J MATH | 0.33 | 0.43 | 2.3 | 1 | 0.485 | 1994–2001 |
| 52 | 58 | B AUST MATH SOC | 0.30 | 0.46 | 2.6 | 1 | 0.266 | 1980–2001 |
| 53 | 59 | P JPN ACAD A-MATH | 0.28 | 0.40 | 2.0 | 1 | 0.256 | 1983–2000 |
| 54 | 60 | CAN MATH BULL | 0.27 | 0.41 | 1.8 | 1 | 0.246 | 1994–2002 |
| 55 | 5 | LECT NOTES MATH | 0.25 | 0.54 | 3.0 | 1 | 1.206 | 1980–2002 |
| 56 | 70 | FIBONACCI QUART | 0.23 | 0.44 | 1.8 | 1 | 0.096 | 1974–1999 |
| 57 | 64 | CZECH MATH J | 0.20 | 0.41 | 1.7 | 1 | 0.197 | 1988–2001 |
| 58 | 54 | SCI CHINA SER A | 0.17 | 0.47 | 1.9 | 1 | 0.311 | 1984–2002 |
| 59 | 45 | ACTA MATH HUNG | 0.16 | 0.43 | 1.7 | 1 | 0.384 | 1988–2002 |
| 60 | 68 | ARS COMBINATORIA | 0.12 | 0.42 | 1.5 | 0 | 0.142 | 1997–2001 |
| 61 | 50 | HOUSTON J MATH | 0.09 | 0.47 | 1.2 | 0 | 0.354 | 1999–2004 |
| 62 | 38 | CHINESE ANN MATH B | 0.06 | 0.47 | 1.4 | 0 | 0.470 | 1980–2005 |
| 63 | 56 | PUBL MATH-DEBRECEN | 0.05 | 0.43 | 1.1 | 0 | 0.279 | 1985–2002 |
| 64 | 55 | RUSS MATH SURV+ | 0.04 | 0.49 | 1.6 | 0 | 0.303 | 1993–2001 |
| 65 | 69 | INDIAN J PURE AP MAT | -0.03 | 0.44 | 0.9 | 0 | 0.109 | 1979–2002 |
| 66 | 65 | ROCKY MT J MATH | -0.09 | 0.49 | 0.8 | 0 | 0.183 | 1998–2006 |
| 67 | 67 | ACTA MATH SCI | -0.17 | 0.45 | 0.6 | 0 | 0.169 | 1989–2005 |

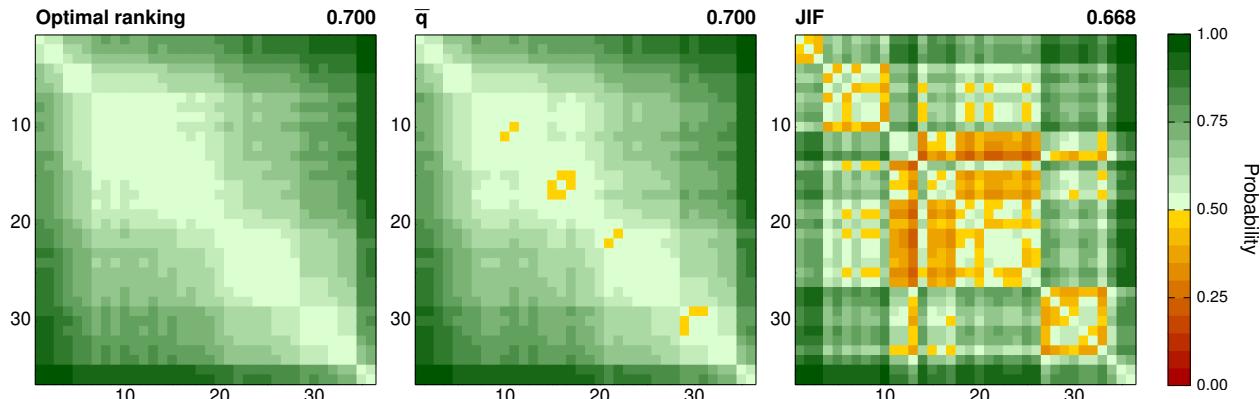
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| AUC | Rank | JIF | Journal abbreviation | p _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|------|------------------|----------------------|-----------------------|------|-----|----|-------|---------------------|
| | | | | q̄ | σ | | | | |
| 68 | 63 | SIBERIAN MATH J+ | | -0.22 | 0.49 | 0.6 | 0 | 0.206 | 1974–2001 |
| 69 | 66 | MATH NOTES+ | | -0.24 | 0.45 | 0.5 | 0 | 0.172 | 1974–2002 |
| 70 | 62 | DIFF EQUAT+ | | -0.49 | 0.55 | 0.4 | 0 | 0.215 | 1979–1999 |

MECHANICS

ISI Category Description Mechanics includes resources that cover the study of the behavior of physical systems under the action of forces. Relevant topics in this category include fluid mechanics, solid mechanics, gas mechanics, mathematical modeling (chaos and fractals, finite element analysis), thermal engineering, fracture mechanics, heat and mass flow and transfer, phase equilibria studies, plasticity, adhesion, rheology, gravity effects, vibration effects, and wave motion analysis.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | J FLUID MECH | 1.42 | 0.45 | 43.0 | 23 | 2.022 | 1956–1991 |
| 2 | 2 | J RHEOL | 1.34 | 0.35 | 25.9 | 19 | 2.082 | 1993–1996 |
| 3 | 1 | J MECH PHYS SOLIDS | 1.28 | 0.44 | 42.4 | 16 | 3.609 | 1954–1997 |
| 4 | 10 | J NON-NEWTON FLUID | 1.15 | 0.39 | 18.7 | 12 | 1.449 | 1975–1998 |
| 5 | 5 | PHYS FLUIDS | 1.10 | 0.44 | 20.4 | 10 | 1.697 | 1966–1996 |
| 6 | 7 | ARCH RATION MECH AN | 1.08 | 0.47 | 21.4 | 9 | 1.650 | 1956–1999 |
| 7 | 4 | COMPUT METHOD APPL M | 0.97 | 0.47 | 17.8 | 7 | 2.015 | 1976–1998 |
| 8 | 25 | J ADHES SCI TECHNOL | 0.97 | 0.40 | 11.2 | 7 | 0.868 | 1987–1997 |
| 9 | 21 | J APPL MECH-T ASME | 0.96 | 0.47 | 17.1 | 7 | 0.943 | 1976–1993 |
| 10 | 14 | INT J MULTIPHAS FLOW | 0.95 | 0.35 | 11.0 | 7 | 1.274 | 1993–1999 |
| 11 | 19 | J ADHESION | 0.96 | 0.41 | 13.8 | 7 | 1.046 | 1968–1992 |
| 12 | 8 | INT J SOLIDS STRUCT | 0.95 | 0.43 | 14.8 | 7 | 1.529 | 1975–1997 |
| 13 | 9 | INT J HEAT MASS TRAN | 0.93 | 0.34 | 10.4 | 7 | 1.482 | 1991–1997 |
| 14 | 6 | RHEOL ACTA | 0.91 | 0.43 | 12.3 | 6 | 1.653 | 1974–2001 |
| 15 | 22 | NUMER HEAT TR A-APPL | 0.88 | 0.34 | 8.8 | 6 | 0.936 | 1988–1992 |
| 16 | 18 | EXP FLUIDS | 0.88 | 0.42 | 10.8 | 6 | 1.112 | 1983–1994 |
| 17 | 26 | INT J THERMOPHYS | 0.88 | 0.39 | 9.2 | 6 | 0.793 | 1985–1997 |
| 18 | 23 | J SOUND VIB | 0.87 | 0.43 | 10.7 | 6 | 0.884 | 1966–1994 |
| 19 | 24 | INT J NUMER METH FL | 0.85 | 0.43 | 11.5 | 5 | 0.870 | 1980–1998 |
| 20 | 20 | INT J MECH SCI | 0.80 | 0.45 | 9.4 | 4 | 0.950 | 1968–1997 |
| 21 | 16 | INT J IMPACT ENG | 0.70 | 0.43 | 6.9 | 3 | 1.195 | 1987–2000 |
| 22 | 33 | J VIB ACOUST | 0.73 | 0.49 | 7.0 | 4 | 0.565 | 1984–1997 |

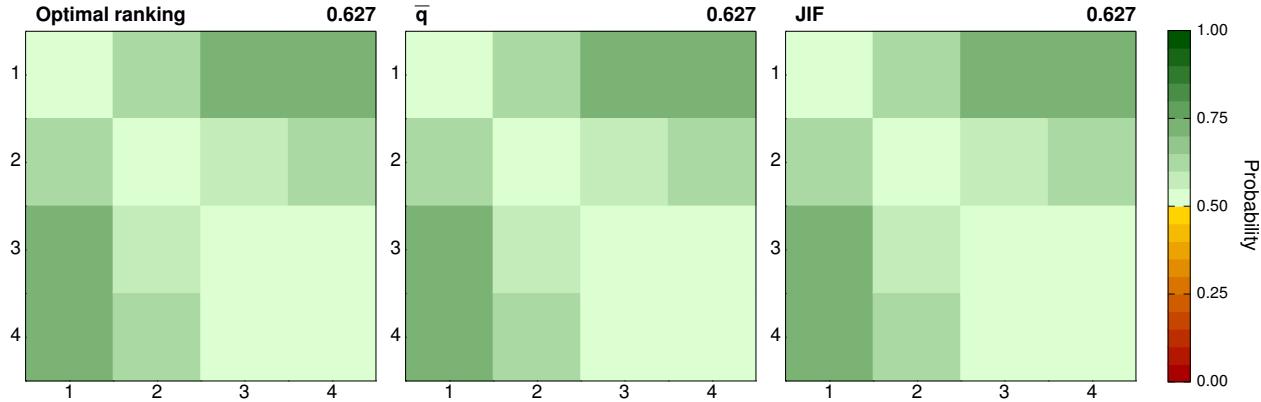
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 11 | ENG FRACT MECH | 0.68 | 0.40 | 6.0 | 3 | 1.390 | 1987–2003 |
| 24 | 15 | INT J NONLINEAR MECH | 0.68 | 0.42 | 6.4 | 3 | 1.205 | 1976–2002 |
| 25 | 12 | PHILOS MAG | 0.66 | 0.39 | 6.0 | 3 | 1.354 | 1978–2003 |
| 26 | 30 | INT J FRACTURE | 0.63 | 0.46 | 5.7 | 3 | 0.685 | 1993–2001 |
| 27 | 17 | EXP MECH | 0.60 | 0.46 | 5.9 | 3 | 1.133 | 1966–2002 |
| 28 | 29 | ACTA MECH | 0.59 | 0.44 | 6.1 | 2 | 0.690 | 1968–1998 |
| 29 | 32 | APPL MATH MODEL | 0.47 | 0.43 | 4.0 | 2 | 0.583 | 1977–2002 |
| 30 | 28 | INT COMMUN HEAT MASS | 0.46 | 0.38 | 3.2 | 2 | 0.708 | 1982–2002 |
| 31 | 31 | J WIND ENG IND AEROD | 0.47 | 0.43 | 3.4 | 2 | 0.586 | 1994–1999 |
| 32 | 13 | ENERG CONVERS MANAGE | 0.40 | 0.45 | 3.1 | 1 | 1.325 | 1987–2006 |
| 33 | 27 | MECH RES COMMUN | 0.34 | 0.47 | 3.0 | 1 | 0.788 | 1975–2002 |
| 34 | 34 | ARCH MECH | 0.30 | 0.47 | 3.3 | 1 | 0.429 | 1965–1988 |
| 35 | 35 | MECH COMPOS MATER | -0.13 | 0.42 | 0.5 | 0 | 0.275 | 2002–2006 |
| 36 | 36 | PMM-J APPL MATH MEC+ | -0.34 | 0.52 | 0.6 | 0 | 0.191 | 1965–2003 |

MEDICAL INFORMATICS

ISI Category Description Medical Informatics covers resources on health care information in clinical studies and medical research. This category includes resources on the evaluation, assessment, and use of health care technology, its consequences for patients, and its impact on society.

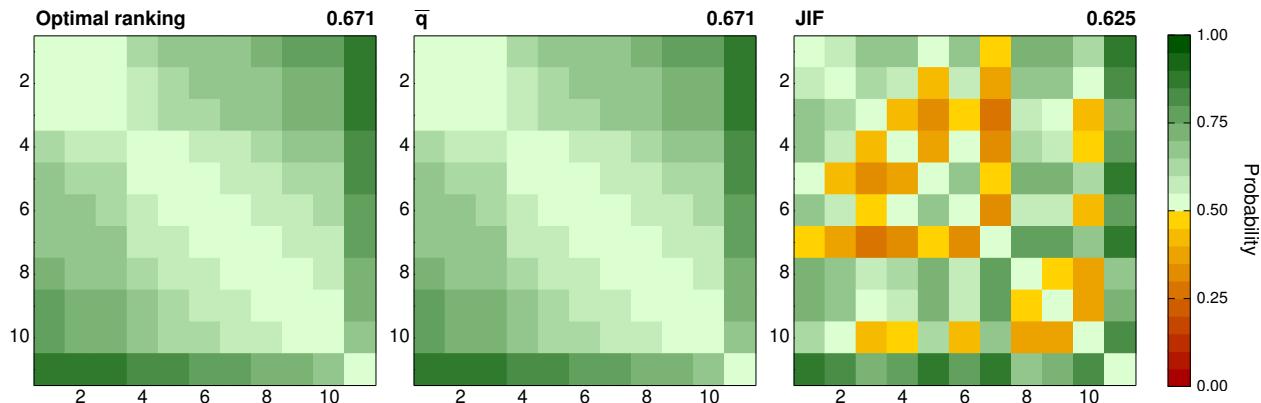


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | JIF | | \bar{q} | σ | | | | |
| 1 | 1 | STAT MED | | 1.04 | 0.40 | 16.9 | 9 | 1.737 | 1994–1997 |
| 2 | 2 | MED BIOL ENG COMPUT | | 0.82 | 0.42 | 9.2 | 5 | 1.018 | 1976–1999 |
| 3 | 3 | IEEE ENG MED BIOL | | 0.67 | 0.53 | 6.7 | 3 | 0.940 | 1995–1999 |
| 4 | 4 | COMPUT METH PROG BIO | | 0.61 | 0.40 | 6.4 | 3 | 0.624 | 1984–2002 |

MEDICAL LABORATORY TECHNOLOGY

ISI Category Description Medical Laboratory Technology covers resources on the testing, methods, and equipment used in clinical, medical, hospital, and pathology laboratories, including clinical chemistry and biochemical analysis of laboratory samples. Resources on the development and refinement of the diagnostic technologies used in these laboratories are also covered.

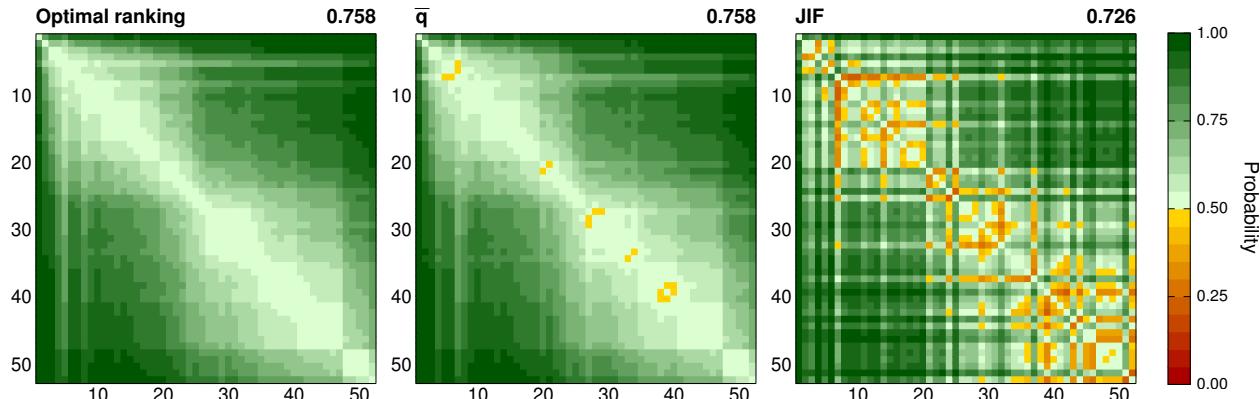


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | | JIF | | \bar{q} | σ | | | | |
| 1 | 7 | ARCH PATHOL LAB MED | 1.23 | 0.38 | 23.0 | 14 | 1.605 | 1975–1989 | |
| 2 | 1 | CLIN CHEM | 1.21 | 0.40 | 23.8 | 13 | 5.454 | 1985–2001 | |
| 3 | 5 | J LAB CLIN MED | 1.17 | 0.38 | 17.9 | 13 | 1.812 | 1994–1997 | |
| 4 | 2 | THER DRUG MONIT | 1.06 | 0.36 | 14.0 | 9 | 3.032 | 1980–2000 | |
| 5 | 10 | DIAGN CYTOPATHOL | 1.02 | 0.37 | 11.5 | 8 | 0.786 | 1986–1995 | |
| 6 | 4 | CLIN CHIM ACTA | 0.96 | 0.37 | 12.7 | 7 | 2.328 | 1990–1996 | |
| 7 | 6 | ANN CLIN BIOCHEM | 0.91 | 0.39 | 11.1 | 7 | 1.741 | 1972–1997 | |
| 8 | 3 | CLIN BIOCHEM | 0.88 | 0.38 | 10.3 | 6 | 2.331 | 1967–2002 | |
| 9 | 9 | J CLIN LAB ANAL | 0.81 | 0.35 | 8.1 | 5 | 1.117 | 1986–1999 | |
| 10 | 8 | ANN CLIN LAB SCI | 0.78 | 0.42 | 8.2 | 4 | 1.227 | 1973–2000 | |
| 11 | 11 | ANN BIOL CLIN-PARIS | 0.42 | 0.46 | 3.6 | 1 | 0.342 | 1964–1997 | |

MEDICINE, GENERAL & INTERNAL

ISI Category Description Medicine, General & Internal covers resources on medical specialties such as general medicine, family medicine, internal medicine, clinical physiology, pain management, and military and hospital medicine.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----|--------|-----------|---------------------|
| | JIF | Optimal ranking | | \bar{q} | σ | | | | |
| 1 | 1 | NEW ENGL J MED | 2.23 | 0.46 | 268.7 | 175 | 51.296 | 1989–1993 | |
| 2 | 4 | ANN INTERN MED | 1.84 | 0.50 | 92.9 | 62 | 14.780 | 1970–1997 | |
| 3 | 6 | ARCH INTERN MED | 1.56 | 0.39 | 49.0 | 32 | 7.920 | 1989–1999 | |
| 4 | 2 | LANCET | 1.53 | 0.64 | 60.3 | 31 | 25.800 | 2000–2002 | |
| 5 | 3 | JAMA-J AM MED ASSOC | 1.34 | 0.75 | 76.3 | 26 | 23.175 | 1995–1997 | |
| 6 | 9 | AM J MED | 1.37 | 0.44 | 35.8 | 20 | 4.518 | 1982–2000 | |
| 7 | 10 | MAYO CLIN PROC | 1.34 | 0.44 | 32.7 | 19 | 4.022 | 1967–1995 | |
| 8 | 5 | BRIT MED J | 1.28 | 0.59 | 38.0 | 16 | 9.245 | 1985–1998 | |
| 9 | 16 | PREV MED | 1.28 | 0.45 | 26.2 | 16 | 2.390 | 1979–1998 | |
| 10 | 13 | EUR J CLIN INVEST | 1.25 | 0.37 | 24.7 | 15 | 2.847 | 1983–1994 | |
| 11 | 12 | J GEN INTERN MED | 1.22 | 0.40 | 22.3 | 14 | 2.964 | 1985–2000 | |
| 12 | 8 | J INTERN MED | 1.19 | 0.39 | 22.0 | 13 | 4.730 | 1988–1994 | |
| 13 | 15 | J PAIN SYMPTOM MANAG | 1.18 | 0.42 | 19.5 | 13 | 2.437 | 1990–2000 | |
| 14 | 20 | J LAB CLIN MED | 1.17 | 0.38 | 17.9 | 13 | 1.812 | 1994–1997 | |
| 15 | 18 | BRIT J GEN PRACT | 1.15 | 0.38 | 16.6 | 12 | 1.938 | 1989–1996 | |
| 16 | 19 | BRIT MED BULL | 1.12 | 0.42 | 22.4 | 11 | 1.881 | 1986–1999 | |
| 17 | 11 | AM J PREV MED | 1.09 | 0.41 | 16.4 | 10 | 3.497 | 1986–2002 | |
| 18 | 17 | MED CLIN N AM | 1.06 | 0.41 | 15.8 | 9 | 2.054 | 1969–2000 | |
| 19 | 25 | J FAM PRACTICE | 1.03 | 0.40 | 13.9 | 9 | 1.278 | 1999–2001 | |
| 20 | 23 | AM J MED SCI | 0.93 | 0.37 | 10.5 | 7 | 1.355 | 1980–1997 | |
| 21 | 22 | FAM PRACT | 0.95 | 0.44 | 10.5 | 6 | 1.558 | 1986–2000 | |
| 22 | 14 | MED J AUSTRALIA | 0.90 | 0.45 | 11.6 | 6 | 2.582 | 1985–1998 | |
| 23 | 32 | AVIAT SPACE ENVIR MD | 0.83 | 0.43 | 9.1 | 5 | 0.830 | 1974–1996 | |
| 24 | 7 | CAN MED ASSOC J | 0.80 | 0.53 | 10.3 | 4 | 6.862 | 1962–2004 | |

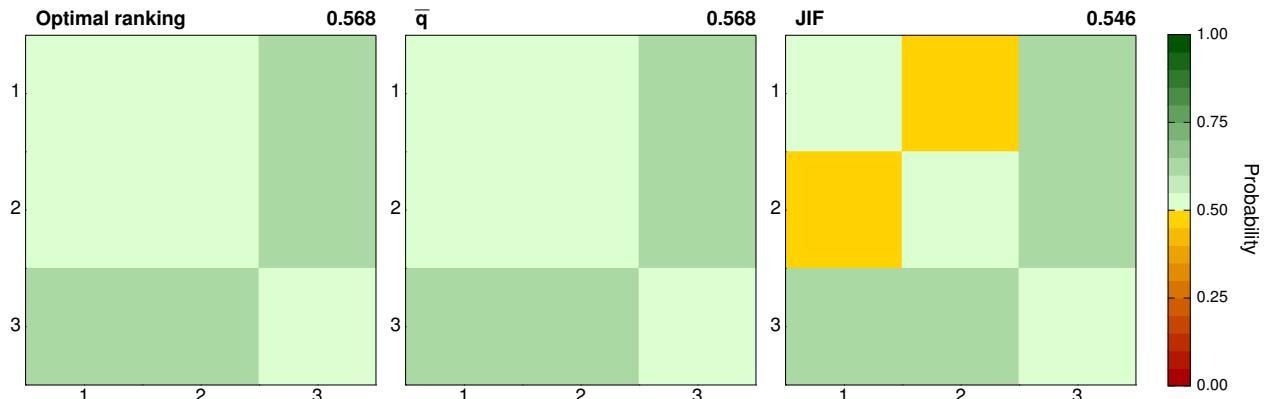
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 37 | DEUT MED WOCHENSCHR | 0.69 | 0.41 | 6.6 | 4 | 0.584 | 1959–1985 |
| 26 | 21 | AM FAM PHYSICIAN | 0.68 | 0.45 | 5.1 | 3 | 1.616 | 1989–2002 |
| 27 | 28 | NETH J MED | 0.57 | 0.39 | 4.5 | 2 | 1.162 | 1973–2001 |
| 28 | 31 | TOHOKU J EXP MED | 0.55 | 0.38 | 4.3 | 2 | 1.012 | 1975–2000 |
| 29 | 26 | J NATL MED ASSOC | 0.57 | 0.47 | 4.9 | 2 | 1.255 | 1991–2001 |
| 30 | 27 | INDIAN J MED RES | 0.55 | 0.37 | 3.8 | 2 | 1.224 | 1988–2000 |
| 31 | 33 | WIEN KLIN WOCHENSCHR | 0.51 | 0.40 | 3.7 | 2 | 0.804 | 1995–2002 |
| 32 | 42 | SCOT MED J | 0.49 | 0.45 | 4.2 | 2 | 0.367 | 1976–1998 |
| 33 | 30 | MT SINAI J MED | 0.48 | 0.47 | 4.2 | 2 | 1.063 | 1969–2003 |
| 34 | 24 | MED CLIN-BARCELONA | 0.49 | 0.46 | 3.5 | 2 | 1.327 | 1996–2000 |
| 35 | 44 | PRESSE MED | 0.41 | 0.50 | 3.5 | 1 | 0.338 | 1963–1996 |
| 36 | 52 | BRIT J HOSP MED | 0.38 | 0.47 | 3.1 | 1 | 0.022 | 1973–1993 |
| 37 | 34 | MIL MED | 0.35 | 0.47 | 3.2 | 1 | 0.747 | 1960–1994 |
| 38 | 41 | IRISH J MED SCI | 0.32 | 0.43 | 2.5 | 1 | 0.400 | 1970–2001 |
| 39 | 29 | POSTGRAD MED J | 0.33 | 0.50 | 2.7 | 1 | 1.093 | 1996–2002 |
| 40 | 35 | CAN FAM PHYSICIAN | 0.34 | 0.55 | 2.9 | 1 | 0.701 | 1995–1998 |
| 41 | 47 | MED KLIN | 0.26 | 0.43 | 2.1 | 1 | 0.289 | 1973–2002 |
| 42 | 49 | MEDICINA-BUENOS AIRE | 0.23 | 0.43 | 2.1 | 1 | 0.272 | 1971–2002 |
| 43 | 40 | REV MED CHILE | 0.21 | 0.40 | 1.7 | 1 | 0.405 | 1971–2002 |
| 44 | 48 | INTERNALIST | 0.21 | 0.43 | 1.7 | 1 | 0.277 | 1983–2000 |
| 45 | 36 | CHINESE MED J-PEKING | 0.18 | 0.43 | 1.7 | 1 | 0.615 | 1963–2003 |
| 46 | 38 | REV MED INTERNE | 0.18 | 0.50 | 1.7 | 0 | 0.478 | 1984–2003 |
| 47 | 50 | REV INVEST CLIN | 0.17 | 0.43 | 1.6 | 1 | 0.243 | 1971–2002 |
| 48 | 45 | B ACAD NAT MED PARIS | -0.09 | 0.47 | 0.9 | 0 | 0.323 | 1976–2003 |
| 49 | 43 | ANN SAUDI MED | -0.09 | 0.38 | 0.6 | 0 | 0.360 | 1998–2005 |
| 50 | 39 | REV CLIN ESP | -0.16 | 0.39 | 0.5 | 0 | 0.430 | 2000–2005 |
| 51 | 46 | SAUDI MED J | -0.21 | 0.42 | 0.4 | 0 | 0.300 | 2003–2006 |
| 52 | 51 | TERAPEVT ARKH | -0.43 | 0.38 | 0.2 | 0 | 0.099 | 1973–2005 |

MEDICINE, LEGAL

ISI Category Description Medicine, Legal covers resources on all aspects of medical legal issues, including government regulations and policies, malpractice, toxicological and pharmacological regulations, clinical therapeutic patents and other critical legal issues at the interface of law, medicine, and healthcare. The category also covers resources dealing with the various branches of forensic science.

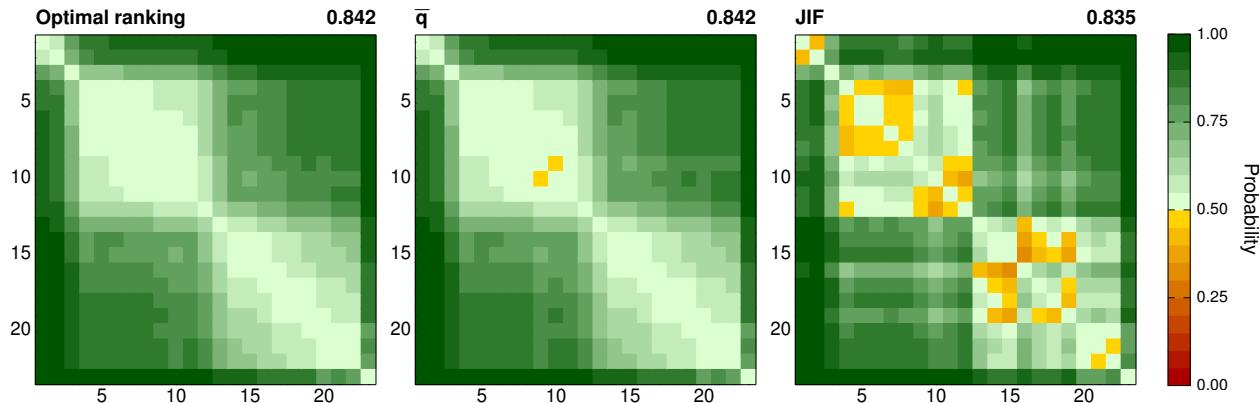


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 2 | J FORENSIC SCI | | 0.85 | 0.39 | 9.0 | 5 | 0.846 | 1977–1998 |
| 2 | 1 | FORENSIC SCI INT | | 0.83 | 0.40 | 7.9 | 5 | 1.397 | 1980–2000 |
| 3 | 3 | AM J FOREN MED PATH | | 0.65 | 0.44 | 5.1 | 3 | 0.745 | 1979–1999 |

MEDICINE, RESEARCH & EXPERIMENTAL

ISI Category Description Medicine, Research & Experimental includes resources describing general medical research with a particular emphasis on extremely novel techniques and clinical interventions in a broad range of medical specializations and applications, including vaccine development, tissue replacement, immunotherapies, and other experimental therapeutic strategies. Resources in this category reflect clinical interventions that are in early stages of development, using in vitro or animal models, and small-scale clinical trials.

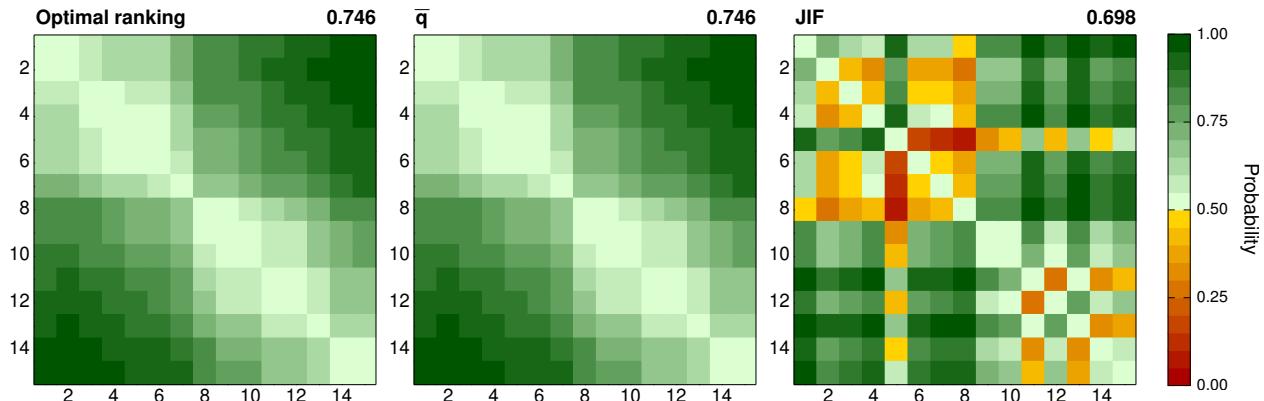


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | J EXP MED | 1.97 | 0.36 | 132.9 | 86 | 14.484 | 1987–1995 |
| 2 | 1 | J CLIN INVEST | 1.85 | 0.35 | 94.3 | 65 | 15.754 | 1978–1997 |
| 3 | 3 | LAB INVEST | 1.55 | 0.40 | 49.5 | 31 | 4.453 | 1963–1993 |
| 4 | 8 | LIFE SCI | 1.29 | 0.43 | 31.6 | 16 | 2.389 | 1963–1986 |
| 5 | 7 | EUR J CLIN INVEST | 1.25 | 0.37 | 24.7 | 15 | 2.847 | 1983–1994 |
| 6 | 5 | CLIN SCI | 1.24 | 0.36 | 23.9 | 14 | 3.263 | 1985–1994 |
| 7 | 12 | ARCH PATHOL LAB MED | 1.23 | 0.38 | 23.0 | 14 | 1.605 | 1975–1989 |
| 8 | 6 | VACCINE | 1.23 | 0.36 | 20.9 | 14 | 3.159 | 1987–1998 |
| 9 | 4 | EXP HEMATOL | 1.18 | 0.38 | 20.3 | 12 | 3.408 | 1985–1998 |
| 10 | 11 | LARYNGOSCOPE | 1.19 | 0.42 | 19.4 | 13 | 1.736 | 1979–1994 |
| 11 | 9 | J LAB CLIN MED | 1.17 | 0.38 | 17.9 | 13 | 1.812 | 1994–1997 |
| 12 | 10 | STAT MED | 1.04 | 0.40 | 16.9 | 9 | 1.737 | 1994–1997 |
| 13 | 16 | SCAND J CLIN LAB INV | 0.88 | 0.45 | 10.7 | 6 | 1.216 | 1983–1998 |
| 14 | 13 | BIOMED PHARMACOTHER | 0.72 | 0.40 | 6.8 | 4 | 1.526 | 1981–2003 |
| 15 | 19 | J INT MED RES | 0.72 | 0.41 | 6.9 | 4 | 0.665 | 1973–2001 |
| 16 | 17 | BRAZ J MED BIOL RES | 0.66 | 0.38 | 5.4 | 3 | 1.075 | 1981–2000 |
| 17 | 14 | MED HYPOTHESES | 0.62 | 0.41 | 5.6 | 3 | 1.299 | 1976–2000 |
| 18 | 18 | TOHOKU J EXP MED | 0.55 | 0.38 | 4.3 | 2 | 1.012 | 1975–2000 |
| 19 | 15 | INDIAN J MED RES | 0.55 | 0.37 | 3.8 | 2 | 1.224 | 1988–2000 |
| 20 | 20 | BIOMED RES-TOKYO | 0.47 | 0.50 | 4.1 | 2 | 0.493 | 1988–2001 |
| 21 | 22 | CURR THER RES CLIN E | 0.45 | 0.44 | 3.8 | 2 | 0.319 | 1984–2002 |
| 22 | 21 | ANN BIOL CLIN-PARIS | 0.42 | 0.46 | 3.6 | 1 | 0.342 | 1964–1997 |
| 23 | 23 | B EXP BIOL MED+ | -0.51 | 0.48 | 0.2 | 0 | 0.190 | 1960–2005 |

METALLURGY & METALLURGICAL ENGINEERING

ISI Category Description Metallurgy & Metallurgical Engineering includes resources that cover the numerous chemical and physical processes used to isolate a metallic element from its naturally occurring state, refine it, and convert it into a useful alloy or product. Topics in this category include corrosion prevention and control, hydrometallurgy, pyrometallurgy, electrometallurgy, phase equilibria, iron-making, steel-making, oxidation, plating and finishing, powder metallurgy, and welding.

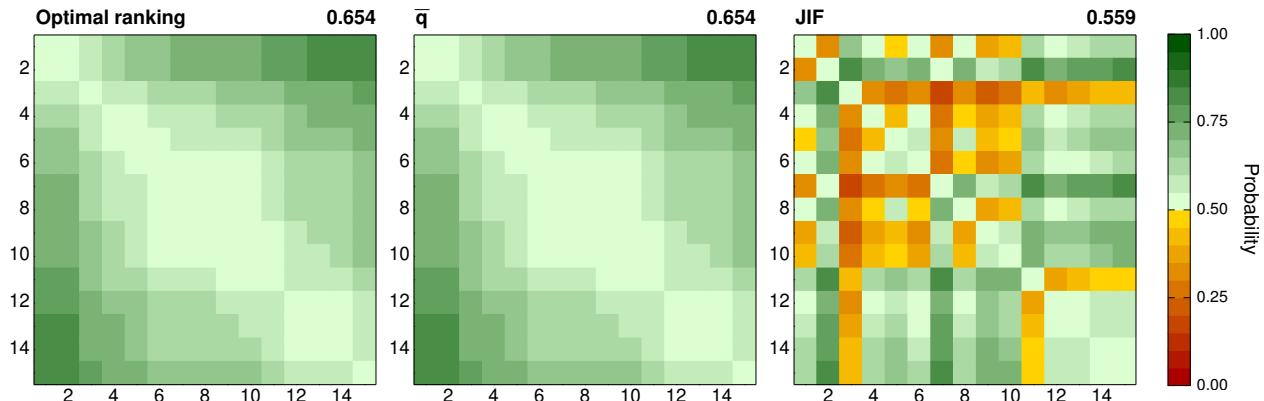


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 8 | CORROSION | 1.03 | 0.41 | 13.8 | 9 | 0.687 | 1963–1994 |
| 2 | 1 | CORROS SCI | 1.01 | 0.34 | 11.5 | 8 | 1.885 | 1996–2000 |
| 3 | 4 | HYDROMETALLURGY | 0.91 | 0.33 | 9.2 | 6 | 1.227 | 1976–2001 |
| 4 | 7 | ISIJ INT | 0.87 | 0.39 | 8.6 | 6 | 0.741 | 1990–1997 |
| 5 | 6 | Z METALLKD | 0.84 | 0.42 | 9.5 | 5 | 0.866 | 1966–1997 |
| 6 | 3 | J ALLOY COMPD | 0.80 | 0.42 | 8.2 | 5 | 1.250 | 1990–1997 |
| 7 | 2 | PHILOS MAG | 0.66 | 0.39 | 6.0 | 3 | 1.354 | 1978–2003 |
| 8 | 9 | J JPN I MET | 0.39 | 0.41 | 2.9 | 1 | 0.434 | 1975–2001 |
| 9 | 10 | WELD J | 0.30 | 0.56 | 3.3 | 1 | 0.350 | 1964–2000 |
| 10 | 12 | TETSU TO HAGANE | 0.25 | 0.46 | 2.1 | 1 | 0.237 | 1984–2002 |
| 11 | 14 | STAHL EISEN | 0.08 | 0.49 | 1.3 | 0 | 0.112 | 1981–1997 |
| 12 | 5 | KOVOVE MATER | 0.06 | 0.40 | 1.0 | 0 | 1.138 | 1976–2001 |
| 13 | 15 | T INDIAN I METALS | -0.13 | 0.43 | 0.6 | 0 | 0.078 | 1997–2004 |
| 14 | 11 | PROT MET+ | -0.57 | 0.52 | 0.2 | 0 | 0.309 | 1985–2005 |
| 15 | 13 | MET SCI HEAT TREAT+ | -0.71 | 0.48 | 0.1 | 0 | 0.131 | 1973–2004 |

METEOROLOGY & ATMOSPHERIC SCIENCES

ISI Category Description Meteorology & Atmospheric Sciences covers those resources that deal with the atmosphere and its phenomena, especially weather and weather forecasting. Resources in this category are concerned with the atmosphere's temperature, density, winds, clouds, precipitation and other characteristics, as well as the structure and evolution of the atmosphere in terms of external influences and the basic laws of physics. This category also includes resources dealing with climatology.

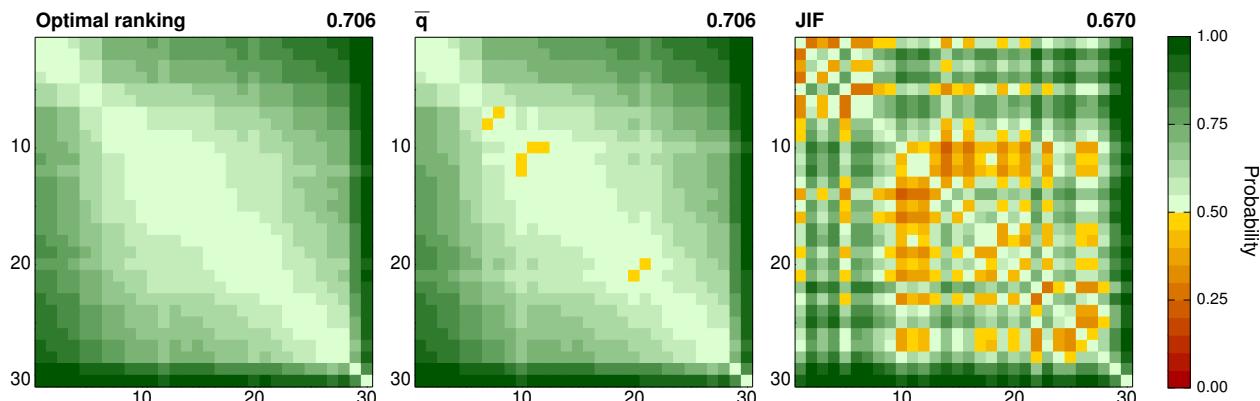


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 2 | J CLIMATE | 1.47 | 0.40 | 43.0 | 26 | 3.419 | 1988–1998 | |
| 2 | 7 | J ATMOS SCI | 1.47 | 0.42 | 45.6 | 26 | 2.163 | 1969–1989 | |
| 3 | 9 | Q J ROY METEOR SOC | 1.35 | 0.46 | 37.1 | 20 | 2.045 | 1954–1995 | |
| 4 | 10 | MON WEATHER REV | 1.25 | 0.39 | 24.5 | 15 | 1.927 | 1991–1997 | |
| 5 | 5 | ATMOS ENVIRON | 1.21 | 0.40 | 21.1 | 14 | 2.630 | 1989–1997 | |
| 6 | 1 | B AM METEOROL SOC | 1.11 | 0.53 | 42.0 | 11 | 3.728 | 1989–1997 | |
| 7 | 8 | BOUND-LAY METEOROL | 1.10 | 0.41 | 19.4 | 10 | 2.054 | 1978–1997 | |
| 8 | 4 | AGR FOREST METEOROL | 1.09 | 0.39 | 17.3 | 10 | 2.903 | 1983–2002 | |
| 9 | 6 | INT J CLIMATOL | 1.07 | 0.38 | 16.0 | 10 | 2.332 | 1988–2001 | |
| 10 | 12 | J ATMOS OCEAN TECH | 1.05 | 0.42 | 15.8 | 9 | 1.298 | 1988–1996 | |
| 11 | 13 | WATER AIR SOIL POLL | 1.00 | 0.41 | 13.9 | 8 | 1.205 | 1974–1995 | |
| 12 | 14 | RADIO SCI | 0.91 | 0.45 | 12.2 | 6 | 1.084 | 1965–1997 | |
| 13 | 15 | J METEOROL SOC JPN | 0.87 | 0.42 | 11.8 | 6 | 0.797 | 1980–1999 | |
| 14 | 11 | J AIR WASTE MANAGE | 0.87 | 0.44 | 11.0 | 5 | 1.441 | 1989–2000 | |
| 15 | 3 | J AEROSOL SCI | 0.77 | 0.50 | 9.6 | 4 | 2.952 | 1979–1999 | |

MICROBIOLOGY

ISI Category Description Microbiology includes resources dealing with all aspects of fundamental and applied studies of microorganisms, including bacteria, viruses, and fungi. This category also considers resources on the clinical aspects of the occurrence and treatment of microbial pathogens, basic science studies of microbial biochemistry and function, environmental microbiology, and bacterial/viral uses in biotechnology.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | MOL MICROBIOL | 1.57 | 0.32 | 43.8 | 33 | 5.634 | 1988–1999 |
| 2 | 4 | J BACTERIOL | 1.54 | 0.33 | 42.4 | 31 | 3.993 | 1984–1993 |
| 3 | 6 | APPL ENVIRON MICROB | 1.51 | 0.35 | 42.7 | 28 | 3.532 | 1990–1993 |
| 4 | 7 | J CLIN MICROBIOL | 1.49 | 0.36 | 41.6 | 27 | 3.445 | 1991–1995 |
| 5 | 14 | MICROB PATHOGENESIS | 1.39 | 0.38 | 30.6 | 22 | 2.258 | 1985–1988 |
| 6 | 3 | ANTIMICROB AGENTS CH | 1.38 | 0.38 | 32.7 | 21 | 4.153 | 1971–1998 |
| 7 | 16 | ORAL MICROBIOL IMMUN | 1.28 | 0.32 | 21.6 | 16 | 2.089 | 1987–1993 |
| 8 | 8 | FEMS MICROBIOL ECOL | 1.28 | 0.34 | 21.8 | 16 | 3.157 | 1984–2000 |
| 9 | 19 | SYST APPL MICROBIOL | 1.24 | 0.39 | 24.7 | 14 | 2.037 | 1985–1994 |
| 10 | 21 | YEAST | 1.20 | 0.34 | 25.4 | 14 | 1.955 | 1992–1994 |
| 11 | 9 | INT J FOOD MICROBIOL | 1.20 | 0.37 | 19.5 | 13 | 2.608 | 1983–2000 |
| 12 | 1 | CLIN INFECT DIS | 1.21 | 0.46 | 23.6 | 13 | 6.186 | 1995–1998 |
| 13 | 23 | ARCH MICROBIOL | 1.18 | 0.35 | 18.7 | 13 | 1.820 | 1988–1999 |
| 14 | 13 | EUR J CLIN MICROBIOL | 1.17 | 0.37 | 19.0 | 12 | 2.330 | 1982–1996 |
| 15 | 15 | J MED MICROBIOL | 1.16 | 0.35 | 18.2 | 12 | 2.180 | 1982–1995 |
| 16 | 5 | J ANTIMICROB CHEMOTH | 1.16 | 0.37 | 18.3 | 12 | 3.891 | 1976–2000 |
| 17 | 27 | J ANTIBIOT | 1.13 | 0.37 | 18.6 | 11 | 1.262 | 1963–1992 |
| 18 | 26 | CAN J MICROBIOL | 1.10 | 0.39 | 17.3 | 11 | 1.275 | 1954–1995 |
| 19 | 17 | VET MICROBIOL | 1.09 | 0.35 | 14.3 | 10 | 2.073 | 1975–2000 |
| 20 | 20 | ANTON LEEUW INT J G | 1.06 | 0.38 | 21.1 | 10 | 1.964 | 1994–1998 |
| 21 | 11 | RES MICROBIOL | 1.07 | 0.35 | 14.3 | 10 | 2.504 | 1990–2001 |
| 22 | 18 | FEMS MICROBIOL LETT | 1.05 | 0.38 | 14.7 | 9 | 2.068 | 1976–1998 |
| 23 | 12 | J MICROBIOL METH | 1.01 | 0.38 | 12.2 | 8 | 2.442 | 1998–2001 |

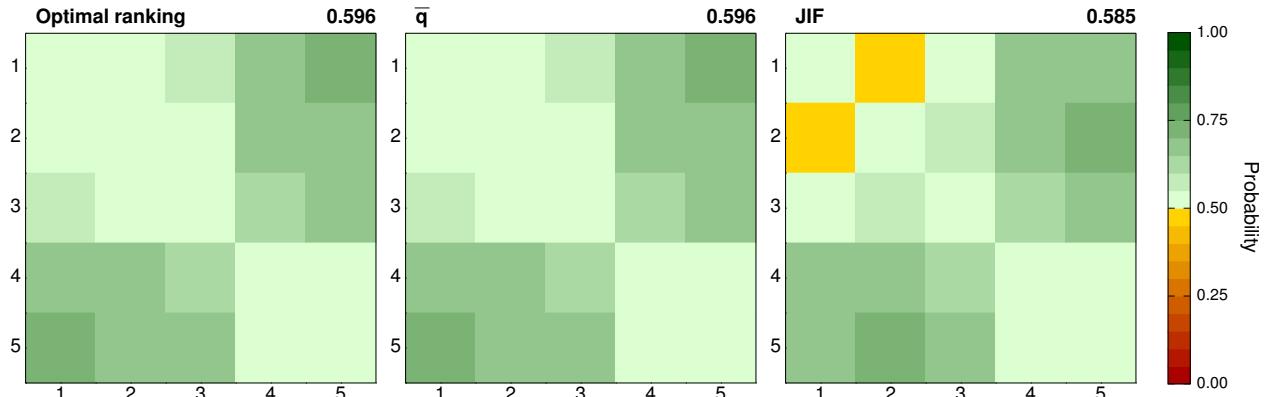
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|------|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 24 | 10 | DIAGN MICR INFEC DIS | 0.94 | 0.37 | 11.4 | 7 | 2.553 | 1982–2002 |
| 25 | 24 | LETT APPL MICROBIOL | 0.93 | 0.38 | 11.5 | 7 | 1.593 | 1984–2000 |
| 26 | 28 | CURR MICROBIOL | 0.92 | 0.39 | 10.0 | 6 | 1.007 | 1984–1998 |
| 27 | 22 | APMIS | 0.86 | 0.40 | 8.8 | 5 | 1.875 | 1987–1999 |
| 28 | 25 | MICROBIOL IMMUNOL | 0.85 | 0.36 | 7.8 | 5 | 1.502 | 1996–2000 |
| 29 | 29 | FOLIA MICROBIOL | 0.53 | 0.37 | 3.4 | 2 | 0.963 | 1985–2002 |
| 30 | 30 | MICROBIOLOGY+ | -0.21 | 0.48 | 0.6 | 0 | 0.543 | 1973–2005 |

MICROSCOPY

ISI Category Description Microscopy covers those resources that focus on the interpretative application of microscope magnification to the study of materials that cannot be seen properly by the unaided eye. The instruments used in microscopy may be either optical in nature, or use radiation other than light for making enlarged images of minute objects (e.g., an electron microscope).

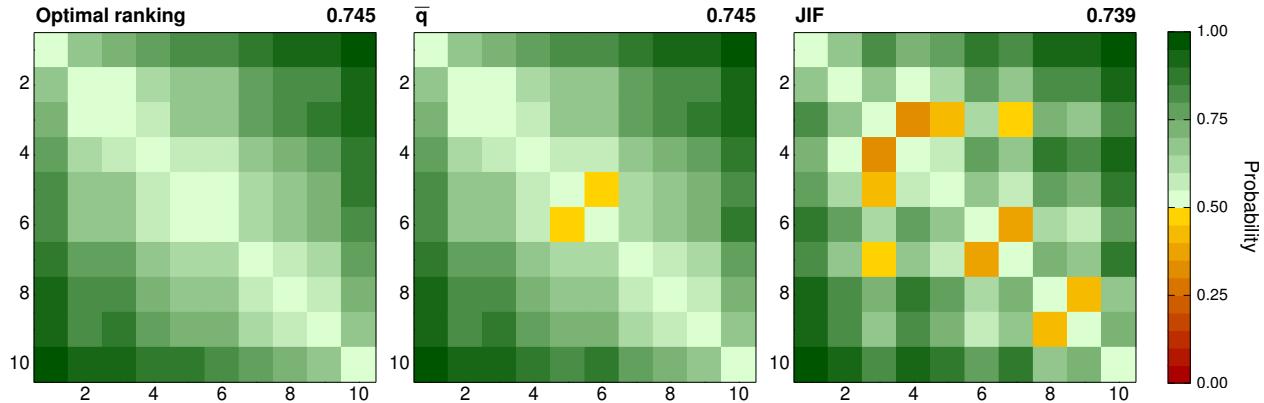


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ULTRAMICROSCOPY | 1.07 | 0.41 | 18.4 | 10 | 1.706 | 1974–1998 |
| 2 | 1 | J MICROSC-OXFORD | 1.05 | 0.42 | 19.0 | 9 | 1.947 | 1967–2000 |
| 3 | 3 | MICROSC RES TECHNIQ | 1.00 | 0.41 | 12.1 | 8 | 1.680 | 1991–2001 |
| 4 | 4 | ULTRASTRUCT PATHOL | 0.79 | 0.34 | 6.7 | 5 | 0.835 | 1995–2001 |
| 5 | 5 | J ELECTRON MICROS | 0.72 | 0.44 | 6.7 | 4 | 0.777 | 1955–1999 |

MINERALOGY

ISI Category Description Mineralogy includes resources that deal with the science of minerals, their crystallography, physical and chemical properties, classification, and the ways of distinguishing them.

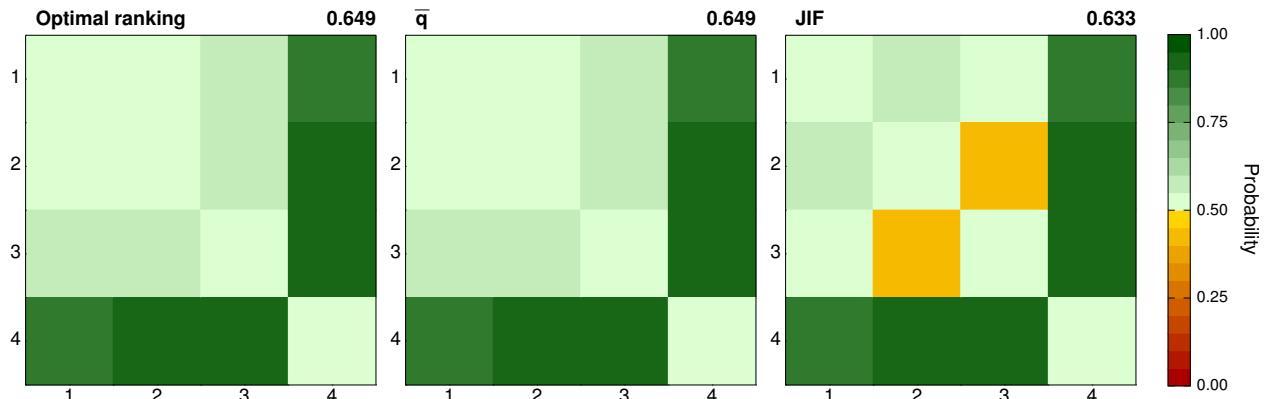


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | CONTRIB MINERAL PETR | CONTRIB MINERAL PETR | 1.51 | 0.35 | 46.7 | 28 | 2.754 | 1974–1993 |
| 2 | 2 | AM MINERAL | AM MINERAL | 1.27 | 0.41 | 27.8 | 16 | 1.977 | 1954–1997 |
| 3 | 4 | CLAY CLAY MINER | CLAY CLAY MINER | 1.22 | 0.32 | 20.1 | 15 | 1.423 | 1990–1994 |
| 4 | 5 | EUR J MINERAL | EUR J MINERAL | 1.09 | 0.39 | 16.9 | 10 | 1.219 | 1988–1992 |
| 5 | 7 | CAN MINERAL | CAN MINERAL | 1.00 | 0.36 | 13.4 | 8 | 0.972 | 1980–1997 |
| 6 | 3 | PHYS CHEM MINER | PHYS CHEM MINER | 1.00 | 0.38 | 11.3 | 8 | 1.517 | 1996–2000 |
| 7 | 6 | MINERAL MAG | MINERAL MAG | 0.84 | 0.37 | 8.1 | 5 | 1.064 | 1993–2001 |
| 8 | 9 | INT J MINER PROCESS | INT J MINER PROCESS | 0.75 | 0.37 | 5.9 | 4 | 0.884 | 1991–2002 |
| 9 | 8 | MINER ENG | MINER ENG | 0.63 | 0.37 | 4.6 | 3 | 0.942 | 1987–2000 |
| 10 | 10 | NEUES JB MINER MONAT | NEUES JB MINER MONAT | 0.35 | 0.40 | 2.3 | 1 | 0.487 | 1990–2003 |

MINING & MINERAL PROCESSING

ISI Category Description Mining & Mineral Processing includes resources on locating and evaluating mineral deposits; designing and constructing mines; developing mining equipment; supervising mining operations and safety; and extracting, cleaning, sizing, and dressing mined material. Relevant topics in this category include exploration and mining geology, rock mechanics, geophysics, and mining science and technology.

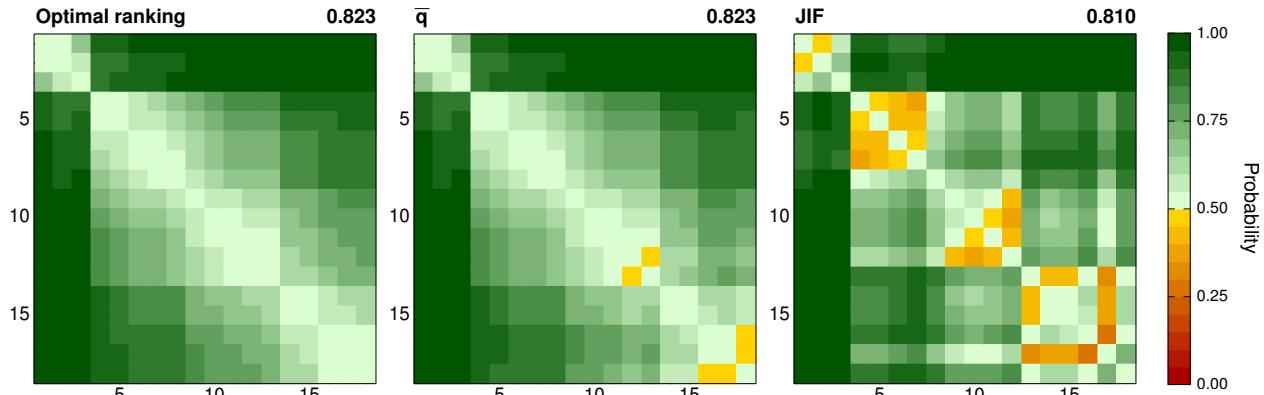


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | J NUCL MATER | 0.79 | 0.50 | 8.1 | 4 | 1.261 | 1990–1994 | |
| 2 | 3 | INT J MINER PROCESS | 0.75 | 0.37 | 5.9 | 4 | 0.884 | 1991–2002 | |
| 3 | 2 | MINER ENG | 0.63 | 0.37 | 4.6 | 3 | 0.942 | 1987–2000 | |
| 4 | 4 | ENG MIN J | -1.32 | 0.71 | 0.0 | 0 | 0.008 | 1998–2006 | |

MULTIDISCIPLINARY SCIENCES

ISI Category Description Multidisciplinary Sciences includes resources of a very broad or general character in the sciences. It covers the spectrum of major scientific disciplines such as Physics, Chemistry, Mathematics, Biology, etc. Nature and Science are the preeminent resources in this category and serve as typical examples. The Web site of the National Science Foundation is a good example of a web resource included in this category. Some specialized resources that have a wide range of applications in the sciences also may fall under this category. The journal *Fractals—Complex Geometry Patterns and Scaling in Nature and Society* would be an example of such a resource.

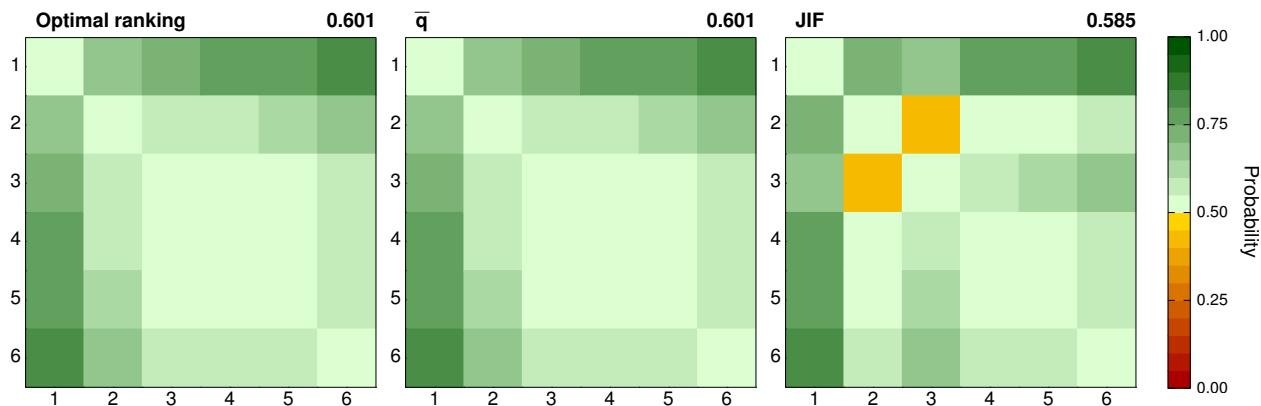


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|-----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | NATURE | 2.13 | 0.51 | 216.7 | 131 | 26.681 | 1992–1997 |
| 2 | 1 | SCIENCE | 2.07 | 0.58 | 208.9 | 112 | 30.028 | 1987–1995 |
| 3 | 3 | P NATL ACAD SCI USA | 1.90 | 0.39 | 114.9 | 72 | 9.643 | 1985–1991 |
| 4 | 7 | IBM J RES DEV | 0.97 | 0.47 | 20.0 | 7 | 1.483 | 1956–2001 |
| 5 | 6 | SCI AM | 0.94 | 0.56 | 18.5 | 6 | 1.560 | 1963–1995 |
| 6 | 5 | ANN NY ACAD SCI | 0.79 | 0.53 | 10.6 | 4 | 1.930 | 1979–2000 |
| 7 | 4 | NATURWISSENSCHAFTEN | 0.74 | 0.52 | 10.7 | 4 | 2.021 | 1954–2002 |
| 8 | 8 | P JPN ACAD B-PHYS | 0.62 | 0.43 | 6.9 | 3 | 0.808 | 1976–2002 |
| 9 | 12 | S AFR J SCI | 0.51 | 0.54 | 5.1 | 2 | 0.602 | 1976–2000 |
| 10 | 9 | CURR SCI INDIA | 0.34 | 0.46 | 2.9 | 1 | 0.737 | 1960–2001 |
| 11 | 11 | CHINESE SCI BULL | 0.28 | 0.41 | 2.1 | 1 | 0.722 | 1998–2003 |
| 12 | 10 | AN ACAD BRAS CIENC | 0.21 | 0.46 | 2.1 | 1 | 0.737 | 1965–2004 |
| 13 | 17 | J SCI IND RES INDIA | 0.21 | 0.53 | 2.2 | 1 | 0.178 | 1960–1998 |
| 14 | 14 | TECHNOL REV | -0.11 | 0.40 | 0.7 | 0 | 0.262 | 1977–2005 |
| 15 | 15 | NATL ACAD SCI LETT | -0.18 | 0.43 | 0.5 | 0 | 0.210 | 1979–2005 |
| 16 | 13 | SCIENTIST | -0.66 | 0.72 | 0.4 | 0 | 0.296 | 1992–1999 |
| 17 | 16 | NEW SCI | -0.45 | 0.34 | 0.1 | 0 | 0.193 | 1998–2006 |
| 18 | 18 | R&D MAG | -0.54 | 0.35 | 0.1 | 0 | 0.041 | 1990–2005 |

MYCOLOGY

ISI Category Description Mycology includes resources on topics that range from the general biology of fungi to fungal diseases of humans, animals and plants.

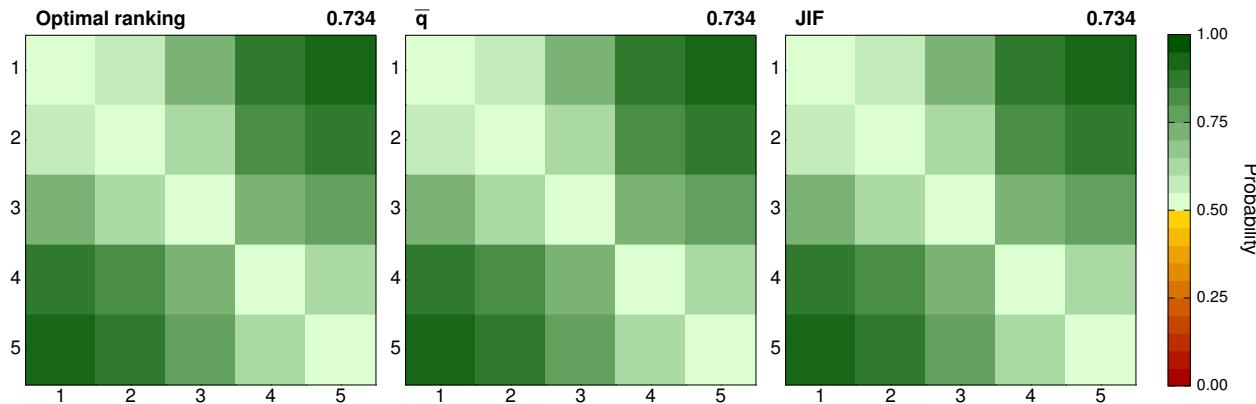


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|----------------|----------------------|---------------|------|-----------|-------|-----------|---------------------|
| | JIF | \bar{q} | | σ | | | | | |
| 1 | 1 | YEAST | 1.20 | 0.34 | 25.4 | 14 | 1.955 | 1992–1994 | |
| 2 | 3 | MYCOLOGIA | 0.96 | 0.38 | 12.3 | 7 | 1.574 | 1955–2000 | |
| 3 | 2 | MYCOL RES | 0.85 | 0.40 | 8.6 | 5 | 1.860 | 1996–2001 | |
| 4 | 4 | MYCOSES | 0.81 | 0.36 | 8.0 | 5 | 0.959 | 1983–1999 | |
| 5 | 5 | MYCOPATHOLOGIA | 0.79 | 0.39 | 7.9 | 5 | 0.915 | 1974–2000 | |
| 6 | 6 | MYCOTAXON | 0.68 | 0.38 | 6.5 | 3 | 0.486 | 1977–1993 | |

NANOSCIENCE & NANOTECHNOLOGY

ISI Category Description Nanoscience & Nanotechnology includes resources that focus on basic and applied research at the micro and nano level across a variety of disciplines including chemistry, biology, bioengineering, physics, electronics, clinical and medical science, chemical engineering and materials science.

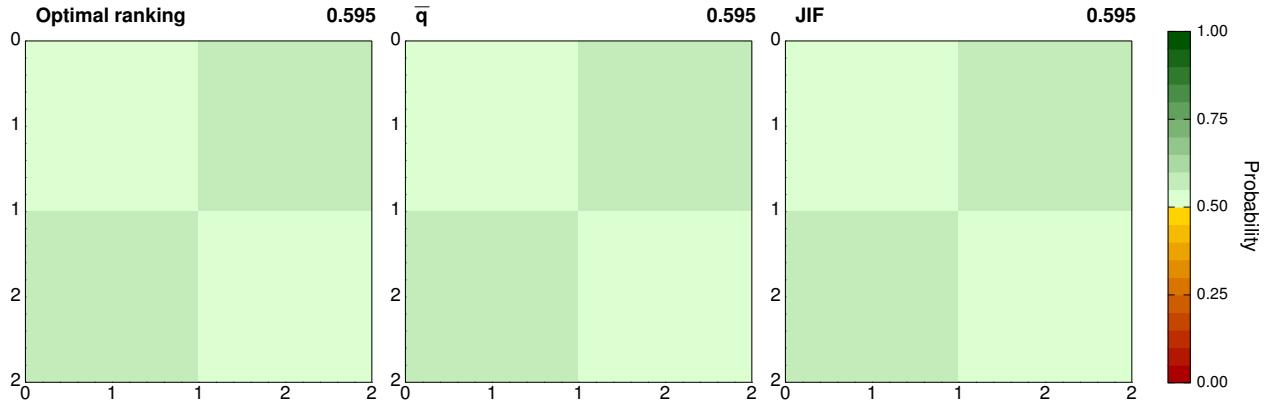


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | BIOSENS BIOELECTRON | 1.25 | 0.41 | 21.1 | 15 | 4.132 | 1990–2000 | |
| 2 | 2 | J VAC SCI TECHNOL B | 1.09 | 0.41 | 17.5 | 10 | 1.597 | 1987–1990 | |
| 3 | 3 | MAT SCI ENG A-STRUCT | 0.85 | 0.39 | 9.1 | 5 | 1.490 | 1998–2000 | |
| 4 | 4 | MICROELECTRON ENG | 0.48 | 0.44 | 3.9 | 2 | 1.398 | 1992–2003 | |
| 5 | 5 | MICROELECTRON RELIAB | 0.27 | 0.44 | 2.2 | 1 | 0.815 | 1965–2004 | |

NEUROIMAGING

ISI Category Description Neuroimaging covers resources on the mapping technologies used to treat, diagnose, or monitor brain lesions and mental disorders.

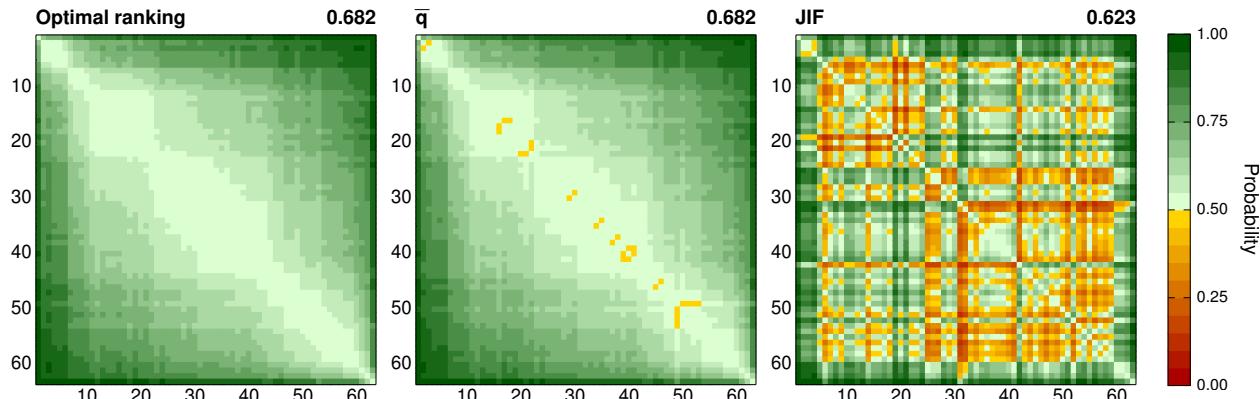


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|------------------|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | JIF | Optimal ranking | | \bar{q} | σ | | | | | |
| 1 | 1 | AM J NEURORADIOL | AM J NEURORADIOL | 1.23 | 0.39 | 22.3 | 14 | 2.279 | 1979–2000 | |
| 2 | 2 | NEURORADIOLOGY | NEURORADIOLOGY | 1.08 | 0.41 | 15.8 | 10 | 1.625 | 1971–1994 | |

NEUROSCIENCES

ISI Category Description Neurosciences covers resources on all areas of basic research on the brain, neural physiology, and function in health and disease. The areas of focus include neurotransmitters, neuropeptides, neurochemistry, neural development, and neural behavior. Coverage also includes resources in neuro-endocrine and neuro-immune systems, somatosensory system, motor system and sensory motor integration, autonomic system as well as diseases of the nervous system.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|-----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | NEURON | 2.08 | 0.31 | 150.1 | 118 | 13.894 | 1987–1997 |
| 2 | 19 | J COMP NEUROL | 1.82 | 0.40 | 105.9 | 63 | 3.831 | 1969–1980 |
| 3 | 4 | J NEUROSCI | 1.82 | 0.34 | 88.9 | 60 | 7.453 | 1980–1996 |
| 4 | 2 | ANN NEUROL | 1.77 | 0.38 | 83.5 | 55 | 8.051 | 1984–1993 |
| 5 | 3 | BRAIN | 1.78 | 0.40 | 82.8 | 55 | 7.617 | 1954–1996 |
| 6 | 21 | J NEUROPHYSIOL | 1.74 | 0.36 | 70.6 | 50 | 3.652 | 1981–1989 |
| 7 | 42 | BRAIN RES | 1.63 | 0.39 | 65.4 | 38 | 2.341 | 1974–1980 |
| 8 | 10 | J CEREBR BLOOD F MET | 1.59 | 0.38 | 56.6 | 35 | 4.843 | 1982–1996 |
| 9 | 11 | PAIN | 1.57 | 0.35 | 52.5 | 34 | 4.836 | 1979–1996 |
| 10 | 24 | NEUROSCIENCE | 1.55 | 0.37 | 47.7 | 31 | 3.427 | 1986–1993 |
| 11 | 54 | J NEUROCYTOL | 1.49 | 0.37 | 43.7 | 27 | 1.695 | 1971–1990 |
| 12 | 17 | NEUROPSYCHOLOGIA | 1.48 | 0.41 | 48.6 | 27 | 3.924 | 1964–1995 |
| 13 | 56 | MOL BRAIN RES | 1.47 | 0.33 | 37.2 | 26 | 1.670 | 1985–1995 |
| 14 | 13 | J NEUROCHEM | 1.47 | 0.36 | 41.2 | 26 | 4.260 | 1957–1997 |
| 15 | 51 | EXP BRAIN RES | 1.47 | 0.36 | 38.4 | 26 | 1.959 | 1984–1991 |
| 16 | 8 | GLIA | 1.46 | 0.31 | 36.6 | 26 | 5.013 | 1993–1998 |
| 17 | 28 | BEHAV NEUROSCI | 1.45 | 0.36 | 39.2 | 25 | 2.907 | 1984–1996 |
| 18 | 12 | J NEUROPATH EXP NEUR | 1.47 | 0.44 | 41.1 | 25 | 4.371 | 1956–1999 |
| 19 | 20 | EUR J NEUROSCI | 1.44 | 0.31 | 32.9 | 25 | 3.709 | 1995–1998 |
| 20 | 30 | SYNAPSE | 1.41 | 0.38 | 38.6 | 24 | 2.870 | 1987–1994 |
| 21 | 5 | BIOL PSYCHIAT | 1.42 | 0.33 | 34.0 | 23 | 7.154 | 2000–2002 |
| 22 | 58 | HEARING RES | 1.41 | 0.38 | 34.2 | 22 | 1.584 | 1980–1989 |

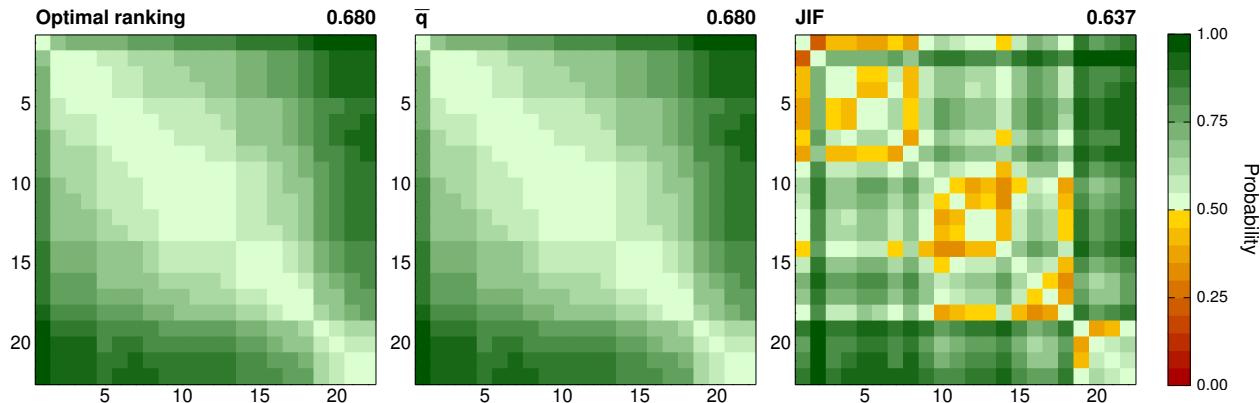
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 23 | J NEUROSCI RES | 1.37 | 0.38 | 33.0 | 20 | 3.476 | 1987–1993 |
| 24 | 53 | J COMP PHYSIOL A | 1.37 | 0.31 | 26.4 | 21 | 1.751 | 1984–1989 |
| 25 | 22 | PSYCHOPHARMACOLOGY | 1.36 | 0.36 | 31.1 | 20 | 3.625 | 1975–1997 |
| 26 | 16 | EXP NEUROL | 1.35 | 0.36 | 30.5 | 19 | 4.156 | 1990–1999 |
| 27 | 15 | J NEUROBIOL | 1.35 | 0.36 | 30.6 | 20 | 4.209 | 1971–1999 |
| 28 | 45 | VISION RES | 1.35 | 0.40 | 31.6 | 19 | 2.167 | 1960–1994 |
| 29 | 36 | NEUROENDOCRINOLOGY | 1.33 | 0.34 | 27.6 | 18 | 2.680 | 1989–1995 |
| 30 | 57 | DEV BRAIN RES | 1.34 | 0.35 | 27.2 | 19 | 1.598 | 1982–1993 |
| 31 | 50 | NEUROSCI LETT | 1.31 | 0.40 | 30.2 | 17 | 2.092 | 1977–1990 |
| 32 | 29 | J NEUROIMMUNOL | 1.32 | 0.38 | 27.4 | 18 | 2.880 | 1980–1999 |
| 33 | 18 | NEUROPHARMACOLOGY | 1.31 | 0.37 | 28.2 | 17 | 3.860 | 1969–1999 |
| 34 | 59 | VISUAL NEUROSCI | 1.30 | 0.34 | 25.5 | 17 | 1.484 | 1990–1997 |
| 35 | 9 | PSYCHONEUROENDOCRINO | 1.30 | 0.36 | 25.2 | 17 | 4.850 | 1974–2001 |
| 36 | 35 | ACTA NEUROPATHOL | 1.29 | 0.39 | 27.6 | 17 | 2.694 | 1965–1996 |
| 37 | 7 | NEUROBIOL AGING | 1.28 | 0.35 | 23.5 | 17 | 5.599 | 1997–2001 |
| 38 | 37 | BEHAV BRAIN RES | 1.28 | 0.40 | 26.4 | 16 | 2.591 | 1979–1998 |
| 39 | 43 | BRAIN LANG | 1.25 | 0.33 | 22.9 | 16 | 2.317 | 1992–1997 |
| 40 | 33 | J NEUROENDOCRINOL | 1.25 | 0.30 | 22.2 | 16 | 2.774 | 1994–1999 |
| 41 | 38 | MUSCLE NERVE | 1.27 | 0.39 | 23.6 | 16 | 2.456 | 1977–1995 |
| 42 | 39 | J NEUROL SCI | 1.25 | 0.38 | 25.2 | 15 | 2.412 | 1977–1994 |
| 43 | 55 | BRAIN RES BULL | 1.24 | 0.40 | 25.4 | 14 | 1.684 | 1975–1990 |
| 44 | 48 | NEUROREPORT | 1.20 | 0.40 | 22.5 | 13 | 2.137 | 1990–1991 |
| 45 | 46 | NEUROTOXICOL TERATOL | 1.19 | 0.35 | 20.8 | 12 | 2.143 | 1979–1997 |
| 46 | 40 | BEHAV PHARMACOL | 1.20 | 0.34 | 17.9 | 13 | 2.388 | 1990–1998 |
| 47 | 49 | PHARMACOL BIOCHEM BE | 1.14 | 0.35 | 17.0 | 11 | 2.092 | 1991–1997 |
| 48 | 14 | J PINEAL RES | 1.14 | 0.36 | 17.3 | 12 | 4.228 | 1983–2002 |
| 49 | 44 | J NEUROSCI METH | 1.13 | 0.42 | 28.2 | 11 | 2.243 | 1980–1994 |
| 50 | 34 | NEUROTOXICOLOGY | 1.12 | 0.40 | 17.1 | 11 | 2.718 | 1980–1997 |
| 51 | 27 | INT J DEV NEUROSCI | 1.10 | 0.36 | 15.4 | 10 | 2.924 | 1983–2000 |
| 52 | 26 | J NEURAL TRANSM | 1.10 | 0.40 | 16.7 | 10 | 2.938 | 1985–1998 |
| 53 | 6 | CEPHALALGIA | 1.13 | 0.55 | 18.3 | 11 | 6.049 | 1988–1997 |
| 54 | 52 | NEUROSCI RES | 1.05 | 0.41 | 14.2 | 9 | 1.953 | 1986–2000 |
| 55 | 47 | NEUROCHEM RES | 1.03 | 0.37 | 14.0 | 9 | 2.139 | 1978–1997 |
| 56 | 41 | NEUROPSYCHOBIOLOGY | 1.02 | 0.38 | 13.6 | 8 | 2.367 | 1976–2000 |
| 57 | 25 | NEUROCHEM INT | 1.02 | 0.36 | 12.9 | 8 | 3.159 | 1981–2002 |
| 58 | 61 | EUR NEUROL | 0.97 | 0.38 | 12.3 | 8 | 1.031 | 1967–1997 |
| 59 | 60 | BIOL CYBERN | 0.98 | 0.37 | 11.2 | 7 | 1.474 | 1995–2002 |
| 60 | 32 | NEUROPEPTIDES | 0.92 | 0.34 | 9.7 | 7 | 2.789 | 1993–2002 |
| 61 | 62 | INT J NEUROSCI | 0.85 | 0.43 | 9.9 | 5 | 0.831 | 1971–1995 |
| 62 | 31 | BRAIN COGNITION | 0.73 | 0.61 | 9.1 | 3 | 2.858 | 1995–1999 |
| 63 | 63 | ZH VYSSH NERV DEYAT+ | 0.38 | 0.42 | 2.6 | 1 | 0.379 | 1961–1998 |

NUCLEAR SCIENCE & TECHNOLOGY

ISI Category Description Nuclear Science & Technology covers resources on nuclear energy (fission and fusion processes), nuclear energy and fuel, nuclear power, and nuclear electric power generation. This category also includes resources on nuclear engineering (the branch of technology that applies the nuclear fission process to power generation), nuclear safety, radiation effects, and radioactive waste management. Note: Resources on nuclear physics (low-energy physics) appear in the category PHYSICS, NUCLEAR.

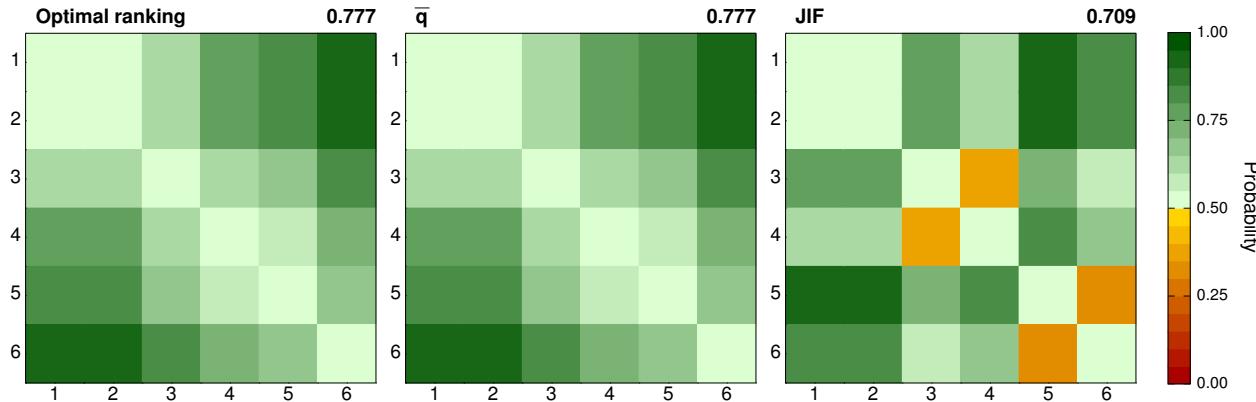


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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | INT J RADIAT BIOL | 1.16 | 0.38 | 20.4 | 12 | 1.312 | 1972–1999 |
| 2 | 8 | HEALTH PHYS | 0.89 | 0.43 | 10.5 | 6 | 0.902 | 1964–1994 |
| 3 | 5 | RADIOCHIM ACTA | 0.83 | 0.38 | 8.4 | 5 | 1.068 | 1965–2000 |
| 4 | 6 | NUCL INSTRUM METH B | 0.82 | 0.39 | 8.7 | 5 | 0.946 | 1988–1997 |
| 5 | 3 | J NUCL MATER | 0.79 | 0.50 | 8.1 | 4 | 1.261 | 1990–1994 |
| 6 | 4 | NUCL INSTRUM METH A | 0.73 | 0.44 | 8.3 | 4 | 1.185 | 1989–1994 |
| 7 | 14 | NUCL SCI ENG | 0.70 | 0.38 | 6.0 | 4 | 0.578 | 1985–1996 |
| 8 | 7 | APPL RADIAT ISOTOPES | 0.65 | 0.40 | 5.0 | 3 | 0.924 | 1993–2000 |
| 9 | 1 | IEEE T NUCL SCI | 0.63 | 0.48 | 6.8 | 3 | 1.497 | 1981–1998 |
| 10 | 9 | RADIAT PHYS CHEM | 0.60 | 0.44 | 5.1 | 2 | 0.868 | 1992–2000 |
| 11 | 18 | RADIAT PROT DOSIM | 0.57 | 0.43 | 4.6 | 2 | 0.446 | 1983–1999 |
| 12 | 12 | J NUCL SCI TECHNOL | 0.55 | 0.41 | 4.2 | 2 | 0.637 | 1970–1997 |
| 13 | 13 | FUSION ENG DES | 0.53 | 0.42 | 4.1 | 2 | 0.598 | 1987–2000 |
| 14 | 11 | ANN NUCL ENERGY | 0.44 | 0.39 | 2.9 | 2 | 0.690 | 1983–2001 |
| 15 | 15 | NUCL TECHNOL | 0.42 | 0.40 | 3.2 | 2 | 0.537 | 1986–2001 |
| 16 | 10 | INT J ENERG RES | 0.35 | 0.41 | 2.6 | 1 | 0.718 | 1976–2002 |
| 17 | 17 | NUCL ENG DES | 0.28 | 0.46 | 2.6 | 1 | 0.461 | 1981–2001 |
| 18 | 16 | RADIAT EFF DEFECT S | 0.19 | 0.41 | 1.6 | 1 | 0.497 | 1997–2005 |
| 19 | 20 | KERNTECHNIK | -0.08 | 0.40 | 0.8 | 0 | 0.062 | 1998–2005 |
| 20 | 21 | J ATOM ENERG SOC JPN | -0.26 | 0.53 | 0.5 | 0 | 0.043 | 1976–2003 |
| 21 | 19 | NUCL ENG INT | -0.45 | 0.43 | 0.2 | 0 | 0.074 | 1969–2005 |
| 22 | 22 | ATOM ENERGY+ | -0.57 | 0.38 | 0.1 | 0 | 0.033 | 1999–2006 |

NURSING

ISI Category Description Nutrition & Dietetics covers resources concerning many aspects of nutrition, including general nutrition, nutrition and metabolism, nutrition science, clinical nutrition, vitamin research and nutritional biochemistry. Dietetics, the application of nutritional principles, is also included in this category.

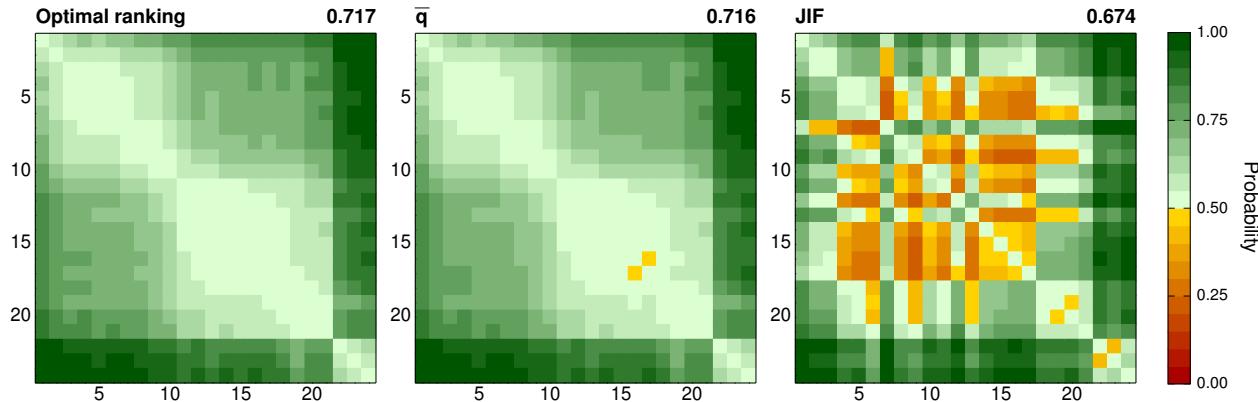


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| Rank | | | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | | | | |
| 1 | 1 | NURS RES | 0.99 | 0.35 | 12.8 | 8 | 1.604 | 1995–2000 |
| 2 | 2 | J ADV NURS | 0.99 | 0.37 | 11.1 | 8 | 1.342 | 1986–1997 |
| 3 | 4 | HEART LUNG | 0.79 | 0.47 | 7.9 | 4 | 0.955 | 1986–2001 |
| 4 | 3 | J NURS ADMIN | 0.51 | 0.41 | 3.9 | 2 | 1.090 | 1981–2003 |
| 5 | 6 | NURS CLIN N AM | 0.37 | 0.40 | 2.8 | 1 | 0.432 | 1977–2002 |
| 6 | 5 | AM J NURS | -0.05 | 0.48 | 1.1 | 0 | 0.711 | 1956–2005 |

NUTRITION & DIETETICS

ISI Category Description Nutrition & Dietetics covers resources concerning many aspects of nutrition, including general nutrition, nutrition and metabolism, nutrition science, clinical nutrition, vitamin research and nutritional biochemistry. Dietetics, the application of nutritional principles, is also included in this category.

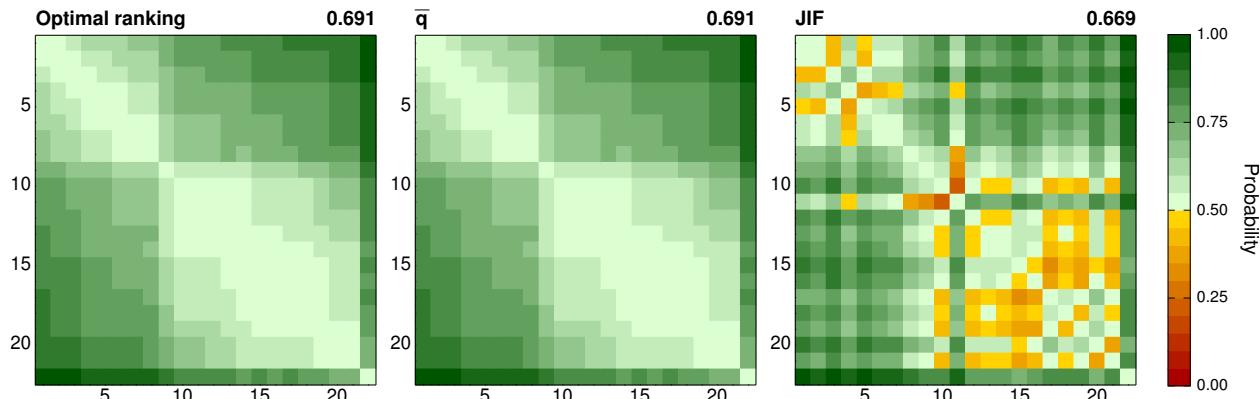


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | AM J CLIN NUTR | | 1.49 | 0.40 | 42.6 | 27 | 6.562 | 1978–1996 |
| 2 | 7 | BRIT J NUTR | | 1.36 | 0.38 | 31.2 | 20 | 2.708 | 1955–1991 |
| 3 | 2 | INT J OBESITY | | 1.28 | 0.39 | 25.0 | 16 | 4.055 | 1985–1999 |
| 4 | 3 | J NUTR | | 1.26 | 0.36 | 22.6 | 15 | 4.009 | 1995–2000 |
| 5 | 17 | INT J EAT DISORDER | | 1.24 | 0.40 | 25.8 | 15 | 1.839 | 1980–1997 |
| 6 | 12 | NUTR CANCER | | 1.23 | 0.36 | 22.9 | 14 | 2.289 | 1987–2000 |
| 7 | 16 | LIPIDS | | 1.20 | 0.35 | 19.3 | 13 | 1.935 | 1990–1995 |
| 8 | 15 | J PEDIATR GASTR NUTR | | 1.17 | 0.36 | 17.5 | 12 | 2.067 | 1993–1995 |
| 9 | 14 | EUR J CLIN NUTR | | 1.14 | 0.42 | 18.2 | 11 | 2.116 | 1987–1998 |
| 10 | 10 | J AM COLL NUTR | | 1.07 | 0.39 | 14.3 | 9 | 2.452 | 1981–2002 |
| 11 | 4 | P NUTR SOC | | 0.97 | 0.47 | 13.0 | 7 | 3.411 | 1970–2002 |
| 12 | 11 | FOOD CHEM | | 0.91 | 0.37 | 9.9 | 6 | 2.433 | 1976–2002 |
| 13 | 8 | J AM DIET ASSOC | | 0.90 | 0.48 | 12.7 | 6 | 2.564 | 1973–2000 |
| 14 | 5 | J NUTR BIOCHEM | | 0.87 | 0.37 | 9.1 | 6 | 2.945 | 1989–2002 |
| 15 | 18 | REPROD NUTR DEV | | 0.87 | 0.40 | 9.1 | 6 | 1.817 | 1979–2000 |
| 16 | 20 | J NUTR SCI VITAMINOL | | 0.86 | 0.35 | 8.7 | 5 | 0.758 | 1972–1998 |
| 17 | 19 | INT J VITAM NUTR RES | | 0.86 | 0.40 | 9.1 | 5 | 0.862 | 1970–2000 |
| 18 | 13 | NUTRITION | | 0.82 | 0.45 | 9.5 | 5 | 2.229 | 1988–2002 |
| 19 | 6 | NUTR REV | | 0.80 | 0.62 | 10.8 | 4 | 2.937 | 1977–2006 |
| 20 | 9 | CLIN NUTR | | 0.74 | 0.41 | 7.0 | 4 | 2.474 | 1983–2003 |
| 21 | 21 | NUTR RES | | 0.71 | 0.40 | 6.2 | 4 | 0.728 | 1987–1997 |
| 22 | 23 | ARCH LATINOAM NUTR | | 0.21 | 0.40 | 1.6 | 1 | 0.258 | 1975–2001 |
| 23 | 22 | FOOD DRUG LAW J | | 0.04 | 0.48 | 1.2 | 0 | 0.397 | 1972–2005 |
| 24 | 24 | ERNAHRUNGS-UMSCHAU | | -0.11 | 0.46 | 0.8 | 0 | 0.190 | 1976–2003 |

OBSTETRICS & GYNECOLOGY

ISI Category Description Obstetrics & Gynecology covers resources on the medical fields concerned with female reproductive function and reproductive organs. Obstetrics covers resources on pregnancy, fetal health, labor, and puerperium. Gynecology covers resources on the health and diseases of female sex organs and their impact on women's overall health. This category also includes resources on fertility, infertility, and contraception.

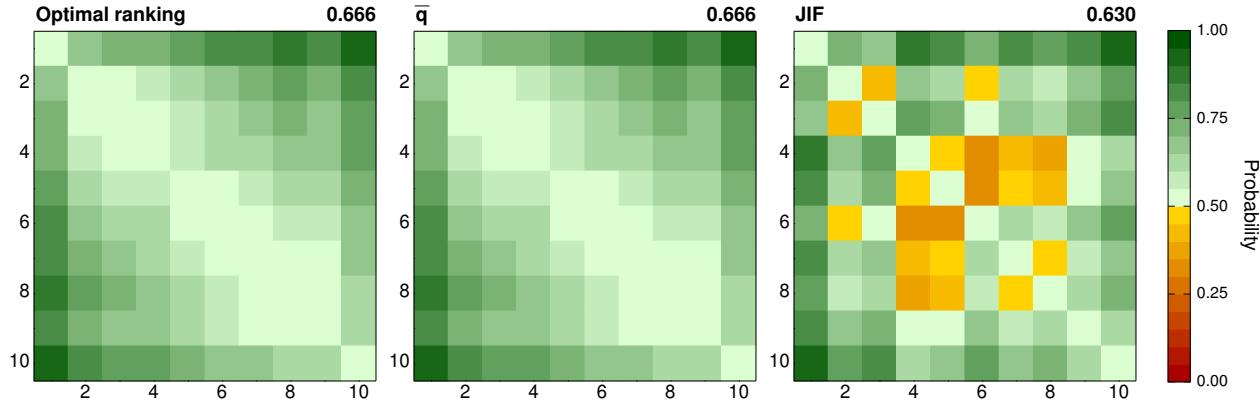


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | FERTIL STERIL | 1.39 | 0.38 | 32.0 | 21 | 3.277 | 1978–1993 |
| 2 | 5 | AM J OBSTET GYNECOL | 1.33 | 0.40 | 30.2 | 18 | 2.805 | 1971–1996 |
| 3 | 1 | OBSTET GYNECOL | 1.30 | 0.40 | 27.3 | 17 | 3.813 | 1979–1995 |
| 4 | 2 | HUM REPROD | 1.24 | 0.40 | 23.0 | 15 | 3.769 | 1988–1997 |
| 5 | 6 | GYNECOL ONCOL | 1.23 | 0.37 | 20.9 | 14 | 2.319 | 1990–1995 |
| 6 | 7 | ULTRASOUND OBST GYN | 1.15 | 0.35 | 18.5 | 12 | 2.288 | 1995–1997 |
| 7 | 11 | PRENATAL DIAG | 1.15 | 0.34 | 17.1 | 12 | 1.514 | 1985–1995 |
| 8 | 4 | PLACENTA | 1.15 | 0.37 | 17.9 | 11 | 2.969 | 1980–2000 |
| 9 | 8 | CONTRACEPTION | 0.99 | 0.41 | 12.6 | 8 | 1.882 | 1970–1999 |
| 10 | 17 | CLIN OBSTET GYNECOL | 0.90 | 0.40 | 9.4 | 6 | 0.928 | 1985–1997 |
| 11 | 9 | EARLY HUM DEV | 0.91 | 0.39 | 9.7 | 6 | 1.738 | 1991–2000 |
| 12 | 19 | J REPROD MED | 0.87 | 0.39 | 9.9 | 6 | 0.867 | 1976–1997 |
| 13 | 21 | AM J PERINAT | 0.84 | 0.36 | 7.6 | 5 | 0.720 | 1986–1998 |
| 14 | 13 | ACTA OBSTET GYN SCAN | 0.82 | 0.49 | 9.1 | 5 | 1.327 | 1961–2000 |
| 15 | 18 | GYNECOL OBSTET INVES | 0.77 | 0.37 | 7.1 | 4 | 0.874 | 1976–2000 |
| 16 | 14 | EUR J OBSTET GYN R B | 0.76 | 0.41 | 7.2 | 4 | 1.273 | 1972–2000 |
| 17 | 10 | CURR OPIN OBSTET GYN | 0.76 | 0.36 | 6.4 | 4 | 1.634 | 1992–2003 |
| 18 | 12 | INT J GYNECOL CANCER | 0.74 | 0.39 | 6.3 | 4 | 1.469 | 1990–2002 |
| 19 | 16 | J PERINAT MED | 0.70 | 0.42 | 6.5 | 4 | 1.000 | 1972–2001 |
| 20 | 20 | AUST NZ J OBSTET GYN | 0.63 | 0.41 | 5.1 | 3 | 0.835 | 1968–2000 |
| 21 | 15 | INT J GYNECOL OBSTET | 0.63 | 0.43 | 5.1 | 3 | 1.078 | 1973–2001 |
| 22 | 22 | GEBURTSH FRAUENHEILK | 0.15 | 0.42 | 1.6 | 1 | 0.693 | 1996–2000 |

OCEANOGRAPHY

ISI Category Description Oceanography covers resources concerning the scientific study and exploration of the oceans and seas in all their aspects, including the delimitation of their extent and depth, the physics and chemistry of their waters, and the exploration of their resources.

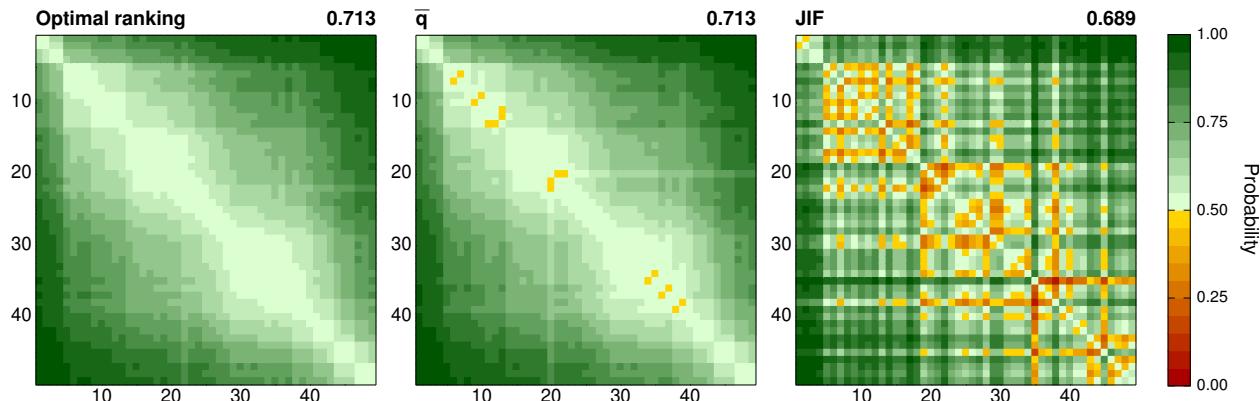


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | LIMNOL OCEANOGR | 1.71 | 0.36 | 65.0 | 47 | 3.287 | 1970–1992 | |
| 2 | 3 | MAR ECOL-PROG SER | 1.47 | 0.31 | 33.6 | 26 | 2.286 | 1991–1995 | |
| 3 | 6 | J PHYS OCEANOGR | 1.40 | 0.37 | 36.4 | 22 | 1.838 | 1973–1994 | |
| 4 | 2 | MAR CHEM | 1.38 | 0.36 | 31.1 | 20 | 2.663 | 1976–1996 | |
| 5 | 8 | J PLANKTON RES | 1.30 | 0.35 | 23.9 | 17 | 1.617 | 1985–1995 | |
| 6 | 7 | ESTUAR COAST SHELF S | 1.25 | 0.35 | 21.2 | 15 | 1.733 | 1980–1997 | |
| 7 | 5 | MAR GEOL | 1.18 | 0.38 | 19.4 | 13 | 2.029 | 1964–1999 | |
| 8 | 4 | CONT SHELF RES | 1.13 | 0.35 | 14.9 | 11 | 2.030 | 1996–2000 | |
| 9 | 9 | B MAR SCI | 1.12 | 0.39 | 17.9 | 11 | 1.093 | 1965–1995 | |
| 10 | 10 | NEW ZEAL J MAR FRESH | 0.94 | 0.37 | 10.7 | 7 | 0.931 | 1976–1998 | |

ONCOLOGY

ISI Category Description Oncology covers resources on the mechanisms, causes, and treatments of cancer including environmental and genetic risk factors, and cellular and molecular carcinogenesis. Aspects of clinical oncology covered include surgical, radiological, chemical, and palliative care. This category is also concerned with resources on cancers of specific systems and organs.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | J CLIN ONCOL | 1.82 | 0.34 | 85.9 | 61 | 13.598 | 1987–1993 |
| 2 | 1 | J NATL CANCER I | 1.80 | 0.40 | 90.9 | 57 | 15.271 | 1989–2000 |
| 3 | 3 | CANCER RES | 1.69 | 0.35 | 63.1 | 43 | 7.656 | 1997–1999 |
| 4 | 4 | ONCOGENE | 1.66 | 0.36 | 60.4 | 41 | 6.582 | 1992–1995 |
| 5 | 17 | GENE CHROMOSOME CANC | 1.48 | 0.33 | 35.4 | 27 | 3.900 | 1995–1998 |
| 6 | 10 | CANCER | 1.44 | 0.37 | 36.3 | 24 | 4.582 | 1983–1997 |
| 7 | 14 | CANCER EPIDEM BIOMAR | 1.46 | 0.35 | 32.9 | 25 | 4.289 | 1991–2000 |
| 8 | 12 | BRIT J CANCER | 1.44 | 0.35 | 34.3 | 24 | 4.459 | 1993–1995 |
| 9 | 6 | CARCINOGENESIS | 1.38 | 0.35 | 31.1 | 21 | 5.366 | 1979–2000 |
| 10 | 8 | INT J CANCER | 1.39 | 0.36 | 28.3 | 21 | 4.693 | 1996–1999 |
| 11 | 22 | MOL CARCINOGEN | 1.35 | 0.36 | 29.1 | 20 | 2.743 | 1988–1994 |
| 12 | 11 | INT J RADIAT ONCOL | 1.37 | 0.41 | 31.2 | 20 | 4.463 | 1982–1995 |
| 13 | 18 | EXP CELL RES | 1.35 | 0.38 | 33.9 | 19 | 3.777 | 1955–1996 |
| 14 | 9 | BREAST CANCER RES TR | 1.28 | 0.40 | 26.2 | 16 | 4.671 | 1983–1998 |
| 15 | 5 | LEUKEMIA | 1.26 | 0.37 | 22.5 | 15 | 6.146 | 1995–2000 |
| 16 | 38 | CANCER GENET CYTOGEN | 1.24 | 0.39 | 25.2 | 14 | 1.544 | 1980–1990 |
| 17 | 30 | NUTR CANCER | 1.23 | 0.36 | 22.9 | 14 | 2.289 | 1987–2000 |
| 18 | 16 | RADIOOTHER ONCOL | 1.22 | 0.38 | 22.5 | 14 | 3.970 | 1983–2000 |
| 19 | 29 | GYNECOL ONCOL | 1.23 | 0.37 | 20.9 | 14 | 2.319 | 1990–1995 |
| 20 | 15 | EUR J CANCER | 1.20 | 0.39 | 21.9 | 13 | 4.167 | 1968–2000 |
| 21 | 21 | SEMIN ONCOL | 1.19 | 0.37 | 19.1 | 13 | 3.064 | 1993–1996 |
| 22 | 23 | BONE MARROW TRANSPL | 1.21 | 0.51 | 20.5 | 14 | 2.621 | 1993–1995 |
| 23 | 7 | ANN ONCOL | 1.15 | 0.38 | 18.2 | 11 | 5.179 | 1998–2000 |

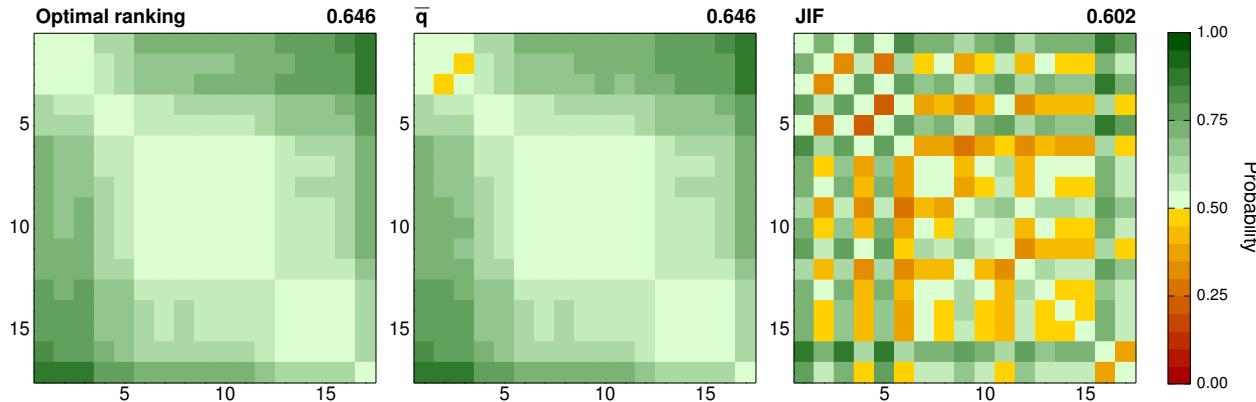
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 13 | CANCER IMMUNOL IMMUN | 1.11 | 0.33 | 15.9 | 11 | 4.313 | 1982–2000 |
| 25 | 27 | CANCER CHEMOTH PHARM | 1.09 | 0.36 | 16.0 | 10 | 2.363 | 1988–1999 |
| 26 | 34 | J NEURO-ONCOL | 1.08 | 0.36 | 14.0 | 10 | 1.848 | 1983–2000 |
| 27 | 20 | CANCER LETT | 1.04 | 0.36 | 12.7 | 9 | 3.277 | 1997–2001 |
| 28 | 26 | J CANCER RES CLIN | 1.01 | 0.38 | 12.9 | 8 | 2.469 | 1978–2001 |
| 29 | 24 | INT J ONCOL | 0.98 | 0.39 | 11.6 | 8 | 2.556 | 1997–2000 |
| 30 | 45 | AM J CLIN ONCOL-CANC | 0.96 | 0.35 | 11.8 | 7 | 1.224 | 1981–1998 |
| 31 | 40 | ANTICANCER RES | 0.95 | 0.37 | 11.2 | 7 | 1.479 | 1980–1999 |
| 32 | 31 | ANTI-CANCER DRUG | 0.95 | 0.35 | 10.9 | 7 | 2.245 | 1990–2001 |
| 33 | 37 | LEUKEMIA LYMPHOMA | 0.94 | 0.37 | 10.1 | 7 | 1.559 | 1992–1997 |
| 34 | 33 | ACTA ONCOL | 0.91 | 0.38 | 11.2 | 6 | 1.856 | 1984–2003 |
| 35 | 25 | LEUKEMIA RES | 0.91 | 0.33 | 9.4 | 6 | 2.483 | 1996–2000 |
| 36 | 32 | J SURG ONCOL | 0.93 | 0.43 | 9.9 | 7 | 2.183 | 1988–1999 |
| 37 | 19 | STRAHLENTHER ONKOL | 0.91 | 0.32 | 8.1 | 6 | 3.682 | 2000–2004 |
| 38 | 28 | CANCER INVEST | 0.87 | 0.44 | 10.5 | 6 | 2.335 | 1982–2001 |
| 39 | 36 | CANCER DETECT PREV | 0.88 | 0.42 | 9.3 | 5 | 1.622 | 1989–2000 |
| 40 | 39 | CHEMOTHERAPY | 0.81 | 0.38 | 8.3 | 5 | 1.511 | 1963–2000 |
| 41 | 42 | JPN J CLIN ONCOL | 0.77 | 0.41 | 7.3 | 4 | 1.376 | 1982–1998 |
| 42 | 41 | INT J GYNECOL CANCER | 0.74 | 0.39 | 6.3 | 4 | 1.469 | 1990–2002 |
| 43 | 48 | TUMORI | 0.69 | 0.39 | 6.1 | 4 | 0.701 | 1975–1998 |
| 44 | 47 | J EXP CLIN CANC RES | 0.62 | 0.48 | 4.8 | 3 | 0.869 | 1996–2000 |
| 45 | 44 | NEOPLASMA | 0.56 | 0.38 | 4.1 | 2 | 1.247 | 1962–2001 |
| 46 | 49 | FOLIA BIOL-PRAGUE | 0.55 | 0.40 | 4.1 | 2 | 0.387 | 1973–2000 |
| 47 | 46 | B CANCER | 0.42 | 0.43 | 3.2 | 1 | 0.906 | 1984–1999 |
| 48 | 43 | J CHEMOTHERAPY | 0.41 | 0.53 | 3.4 | 1 | 1.374 | 1988–2003 |
| 49 | 35 | ONKOLOGIE | 0.36 | 0.45 | 2.7 | 1 | 1.724 | 1977–2003 |

OPERATIONS RESEARCH & MANAGEMENT SCIENCE

ISI Category Description Operations Research & Management Science includes resources on the definition, analysis, and solution of complex problems. Relevant topics in this category include mathematical modeling, stochastic modeling, decision theory and systems, optimization theory, logistics, and control theory.

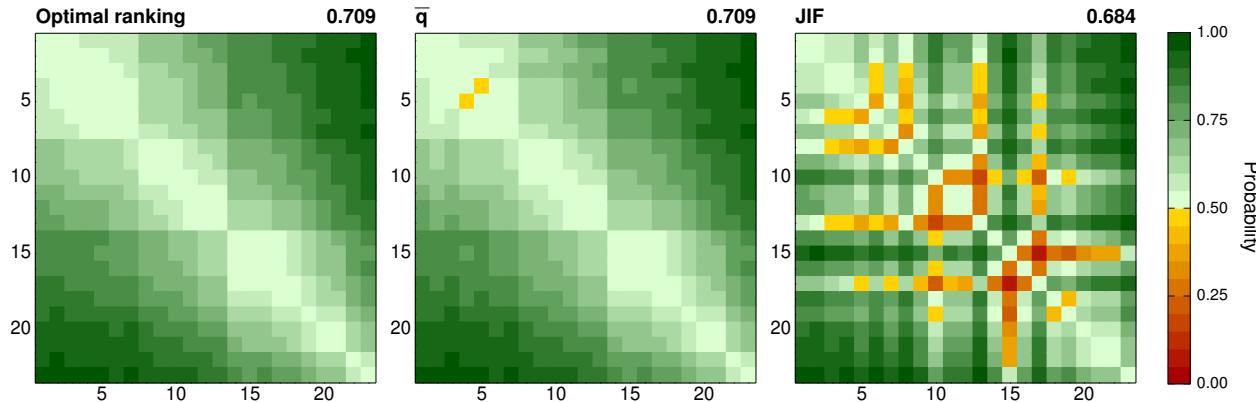


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| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | MANAGE SCI | 1.17 | 0.48 | 27.1 | 12 | 1.687 | 1957–1997 |
| 2 | 3 | OPER RES | 1.10 | 0.45 | 22.1 | 10 | 1.234 | 1958–1997 |
| 3 | 5 | MATH PROGRAM | 1.11 | 0.43 | 18.6 | 10 | 1.117 | 1976–1998 |
| 4 | 9 | INT J PROD RES | 0.96 | 0.49 | 13.4 | 7 | 0.799 | 1986–1992 |
| 5 | 12 | IIE TRANS | 0.89 | 0.44 | 11.3 | 6 | 0.637 | 1981–1997 |
| 6 | 7 | EUR J OPER RES | 0.77 | 0.44 | 8.6 | 4 | 0.918 | 1977–1999 |
| 7 | 15 | NAV RES LOG | 0.76 | 0.47 | 8.3 | 4 | 0.362 | 1971–1994 |
| 8 | 14 | J OPER RES SOC | 0.74 | 0.42 | 7.8 | 4 | 0.597 | 1977–1997 |
| 9 | 10 | OPER RES LETT | 0.73 | 0.44 | 7.3 | 4 | 0.767 | 1982–1999 |
| 10 | 2 | SYST CONTROL LETT | 0.71 | 0.41 | 7.6 | 4 | 1.683 | 1994–2000 |
| 11 | 8 | COMPUT OPER RES | 0.72 | 0.42 | 7.1 | 3 | 0.893 | 1975–2000 |
| 12 | 13 | J OPTIMIZ THEORY APP | 0.70 | 0.45 | 7.7 | 3 | 0.633 | 1974–1998 |
| 13 | 17 | INTERFACES | 0.58 | 0.47 | 6.1 | 2 | 0.338 | 1973–2001 |
| 14 | 4 | INT J PROD ECON | 0.58 | 0.44 | 4.2 | 2 | 1.183 | 1990–2002 |
| 15 | 11 | OMEGA-INT J MANAGE S | 0.56 | 0.44 | 5.3 | 2 | 0.663 | 1974–2003 |
| 16 | 6 | RELIAB ENG SYST SAFE | 0.52 | 0.42 | 4.0 | 2 | 0.920 | 1981–2002 |
| 17 | 16 | INT J SYST SCI | 0.28 | 0.43 | 2.3 | 1 | 0.343 | 1986–2001 |

OPHTHALMOLOGY

ISI Category Description Ophthalmology covers resources on the eye, its diseases, and refractive errors. Coverage includes research on the cornea, retina, and eye diseases. This category also includes resources on physiological optics and optometry as well as reconstructive surgery.

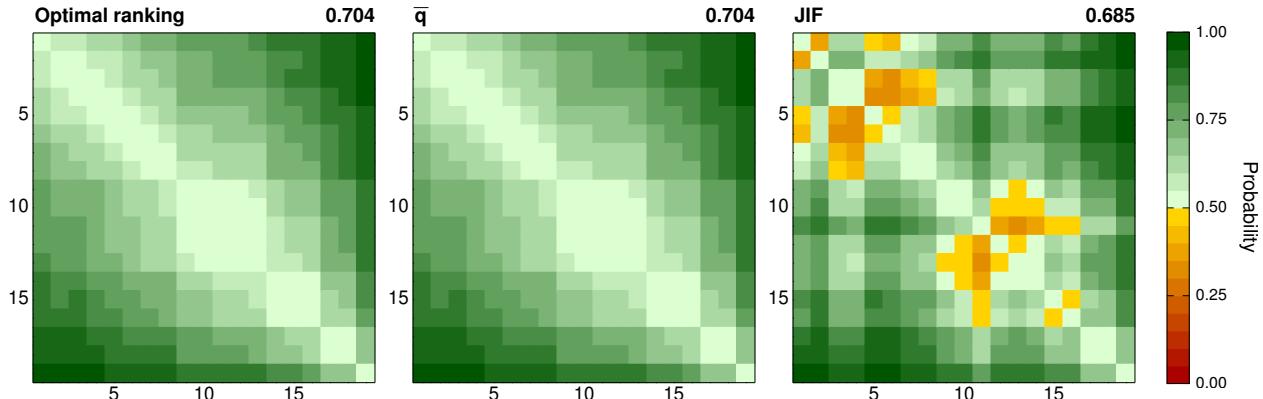


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | OPHTHALMOLOGY | 1.39 | 0.39 | 32.6 | 21 | 4.031 | 1981–1994 |
| 2 | 2 | INVEST OPHTH VIS SCI | 1.35 | 0.34 | 27.3 | 19 | 3.766 | 1979–1999 |
| 3 | 8 | VISION RES | 1.35 | 0.40 | 31.6 | 19 | 2.167 | 1960–1994 |
| 4 | 13 | VISUAL NEUROSCI | 1.30 | 0.34 | 25.5 | 17 | 1.484 | 1990–1997 |
| 5 | 6 | AM J OPHTHALMOL | 1.30 | 0.38 | 25.9 | 17 | 2.468 | 1970–1995 |
| 6 | 3 | ARCH OPHTHALMOL-CHIC | 1.27 | 0.40 | 25.5 | 16 | 3.206 | 1961–1992 |
| 7 | 4 | EXP EYE RES | 1.25 | 0.36 | 23.1 | 15 | 2.776 | 1961–1996 |
| 8 | 17 | CURR EYE RES | 1.12 | 0.35 | 15.7 | 11 | 1.208 | 1983–1995 |
| 9 | 5 | BRIT J OPHTHALMOL | 1.12 | 0.39 | 16.9 | 11 | 2.524 | 1963–2000 |
| 10 | 7 | J CATARACT REFR SURG | 1.10 | 0.39 | 15.6 | 10 | 2.285 | 1985–2000 |
| 11 | 9 | EYE | 1.03 | 0.38 | 13.5 | 9 | 2.084 | 1986–1996 |
| 12 | 11 | CORNEA | 0.98 | 0.38 | 11.3 | 7 | 1.708 | 1986–2001 |
| 13 | 12 | GRAEF ARCH CLIN EXP | 0.95 | 0.38 | 11.6 | 7 | 1.609 | 1982–1995 |
| 14 | 14 | OPHTHAL PHYSL OPT | 0.78 | 0.43 | 7.1 | 4 | 1.483 | 1980–2002 |
| 15 | 16 | OPTOMETRY VISION SCI | 0.76 | 0.45 | 7.6 | 4 | 1.371 | 1988–2001 |
| 16 | 19 | JPN J OPHTHALMOL | 0.74 | 0.40 | 7.7 | 4 | 0.770 | 1972–1996 |
| 17 | 10 | DOC OPHTHALMOL | 0.68 | 0.42 | 6.7 | 3 | 1.712 | 1965–1999 |
| 18 | 18 | OPHTHALMOLOGICA | 0.64 | 0.40 | 5.5 | 3 | 1.051 | 1963–2001 |
| 19 | 20 | CAN J OPHTHALMOL | 0.56 | 0.44 | 4.2 | 2 | 0.701 | 1995–2001 |
| 20 | 21 | KLIN MONATSBL AUGENH | 0.44 | 0.40 | 3.2 | 2 | 0.679 | 1973–2002 |
| 21 | 22 | J FR OPHTALMOL | 0.39 | 0.38 | 2.4 | 1 | 0.291 | 1977–2000 |
| 22 | 15 | RETINA-J RET VIT DIS | 0.17 | 0.52 | 2.1 | 0 | 1.403 | 2003–2006 |
| 23 | 23 | ANN OPHTHALMOL | -0.04 | 0.61 | 1.5 | 0 | 0.075 | 1993–2005 |

OPTICS

ISI Category Description Optics includes resources that deal with the genesis and propagation of light, the changes that it undergoes and produces, and other phenomena closely associated with it. Resources in this category cover subject areas such as lasers and laser technology, infrared physics and technology, microwave technology, quantum optics, lightwave technology, fiber optics, opto-electronics, and photonics. Resources on photometry and luminescence are also included in this category.

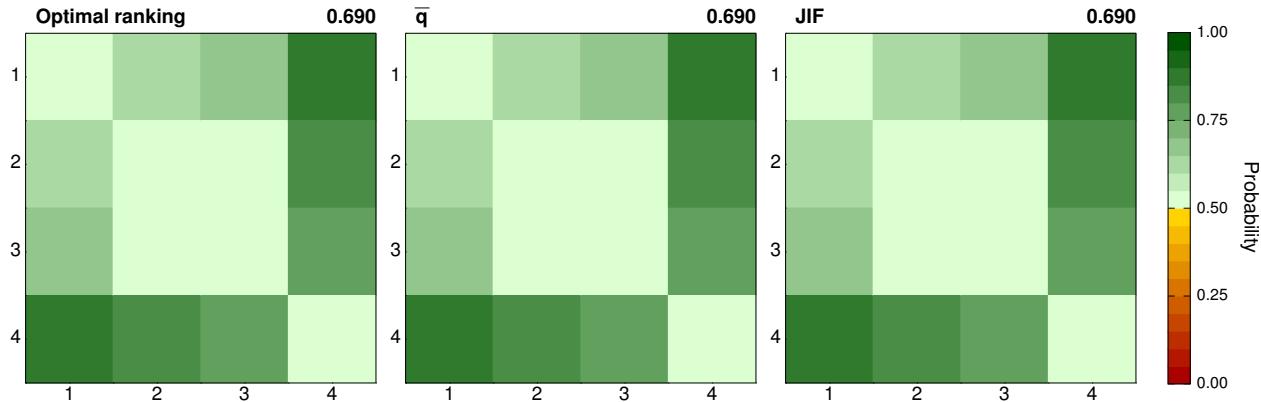


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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | PHYS REV A | 1.32 | 0.42 | 33.2 | 18 | 3.047 | 1981–1986 |
| 2 | 6 | J OPT SOC AM B | 1.24 | 0.43 | 28.6 | 14 | 2.002 | 1983–1990 |
| 3 | 5 | J PHYS B-AT MOL OPT | 1.20 | 0.37 | 20.4 | 13 | 2.024 | 1981–1986 |
| 4 | 1 | OPT LETT | 1.14 | 0.40 | 20.0 | 11 | 3.598 | 1995–1998 |
| 5 | 7 | J OPT SOC AM A | 1.11 | 0.43 | 21.5 | 10 | 2.002 | 1985–1995 |
| 6 | 8 | APPL OPTICS | 1.03 | 0.44 | 17.9 | 8 | 1.717 | 1962–1987 |
| 7 | 3 | J LIGHTWAVE TECHNOL | 0.97 | 0.41 | 14.2 | 7 | 2.824 | 1983–2000 |
| 8 | 4 | IEEE PHOTONIC TECH L | 0.93 | 0.37 | 10.5 | 7 | 2.353 | 1994–2000 |
| 9 | 13 | IMAGE VISION COMPUT | 0.79 | 0.40 | 8.2 | 5 | 1.171 | 1984–2001 |
| 10 | 9 | OPT COMMUN | 0.79 | 0.41 | 7.9 | 5 | 1.480 | 1995–1998 |
| 11 | 12 | J MOD OPTIC | 0.73 | 0.43 | 8.4 | 4 | 1.189 | 1986–2000 |
| 12 | 14 | OPT ENG | 0.72 | 0.46 | 8.6 | 4 | 0.897 | 1972–1995 |
| 13 | 10 | J LUMIN | 0.71 | 0.45 | 7.2 | 4 | 1.441 | 1993–2002 |
| 14 | 16 | OPTIK | 0.56 | 0.45 | 6.2 | 2 | 0.585 | 1963–1995 |
| 15 | 15 | OPT QUANT ELECTRON | 0.51 | 0.41 | 4.3 | 2 | 0.644 | 1992–2002 |
| 16 | 11 | MICROELECTRON ENG | 0.48 | 0.44 | 3.9 | 2 | 1.398 | 1992–2003 |
| 17 | 17 | MICROW OPT TECHN LET | 0.24 | 0.45 | 2.4 | 1 | 0.568 | 1987–2002 |
| 18 | 18 | INT J INFRARED MILLI | 0.17 | 0.46 | 1.7 | 1 | 0.326 | 1994–2002 |
| 19 | 19 | LASER FOCUS WORLD | -0.27 | 0.50 | 0.6 | 0 | 0.249 | 1983–2005 |

ORNITHOLOGY

ISI Category Description Ornithology covers resources concerning many aspects of the study of birds, including avian biology, field ornithology, avian biochemistry and physiology, avian systematics and taxonomy, raptor research, bird behavior and migration.

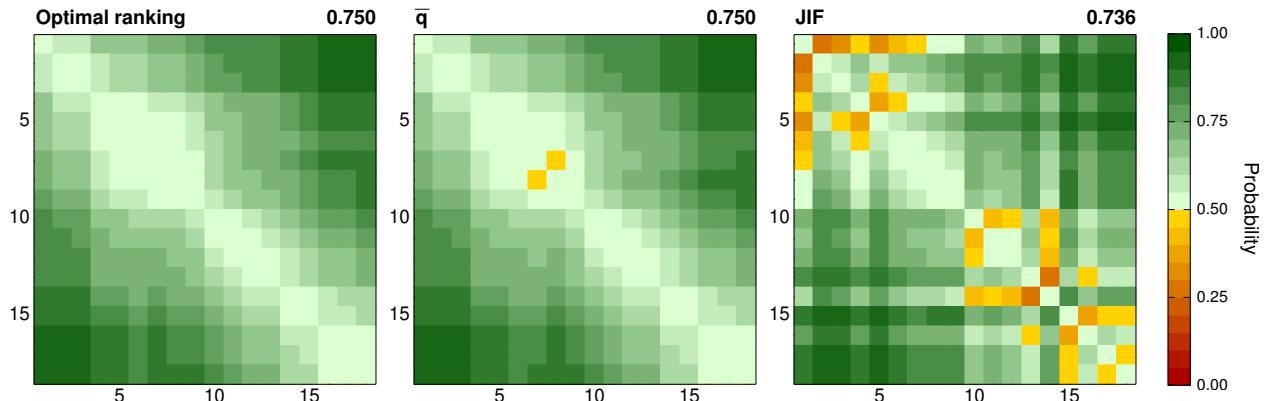


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | | | $P_{ss}(q J)$ | | | n | Steady-state period | |
|------|-----|----------------------|---------------|----------|-----------|----|---------------------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 1 | 1 | AUK | 1.46 | 0.37 | 36.1 | 25 | 2.056 | 1977–1987 |
| 2 | 2 | CONDOR | 1.26 | 0.36 | 22.8 | 15 | 1.604 | 1965–1994 |
| 3 | 3 | IBIS | 1.22 | 0.38 | 24.5 | 14 | 1.595 | 1966–1996 |
| 4 | 4 | J FIELD ORNITHOL | 0.76 | 0.38 | 6.5 | 4 | 0.660 | 1985–1999 |

ORTHOPEDICS

ISI Category Description Orthopedics covers resources on surgery and medical appliances as a means to preserve or restore function or alleviate pain in the musculoskeletal system, particularly the bones and joints.

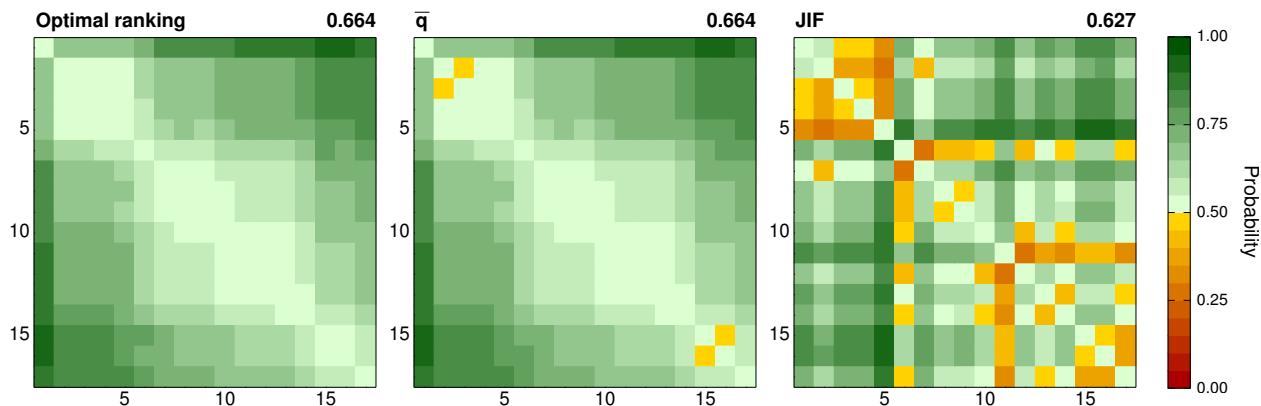


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | J BONE JOINT SURG AM | 1.46 | 0.45 | 43.3 | 25 | 2.444 | 1965–1995 |
| 2 | 5 | J BONE JOINT SURG BR | 1.36 | 0.39 | 30.6 | 19 | 1.790 | 1955–1995 |
| 3 | 3 | SPINE | 1.34 | 0.39 | 29.8 | 19 | 2.351 | 1978–1995 |
| 4 | 6 | ARTHROSCOPY | 1.20 | 0.43 | 18.6 | 15 | 1.574 | 1991–1992 |
| 5 | 4 | CLIN ORTHOP RELAT R | 1.16 | 0.38 | 17.6 | 12 | 2.161 | 1995–1998 |
| 6 | 7 | PHYS THER | 1.14 | 0.44 | 18.4 | 11 | 1.510 | 1989–1997 |
| 7 | 1 | ORTHOP CLIN N AM | 1.09 | 0.33 | 12.9 | 10 | 2.500 | 1995–1997 |
| 8 | 8 | J HAND SURG-AM | 1.10 | 0.38 | 13.8 | 11 | 1.286 | 1993–1995 |
| 9 | 9 | J PEDIATR ORTHOPED | 1.04 | 0.35 | 12.3 | 9 | 1.152 | 1980–1997 |
| 10 | 14 | HAND CLIN | 0.91 | 0.35 | 9.0 | 6 | 0.661 | 1985–1996 |
| 11 | 11 | J HAND SURG-BRIT EUR | 0.85 | 0.37 | 8.3 | 5 | 0.844 | 1983–1996 |
| 12 | 12 | ARCH ORTHOP TRAUM SU | 0.77 | 0.39 | 7.3 | 4 | 0.793 | 1978–1999 |
| 13 | 10 | INT ORTHOP | 0.75 | 0.38 | 7.0 | 4 | 0.977 | 1976–1999 |
| 14 | 16 | ORTHOPEDICS | 0.63 | 0.47 | 5.9 | 3 | 0.583 | 1977–1999 |
| 15 | 13 | ORTHOAPEDE | 0.58 | 0.40 | 4.2 | 3 | 0.707 | 1977–2001 |
| 16 | 18 | REV CHIR ORTHOP | 0.43 | 0.41 | 3.2 | 2 | 0.344 | 1971–2001 |
| 17 | 17 | J AM PODIAT MED ASSN | 0.41 | 0.46 | 3.3 | 1 | 0.549 | 1988–2001 |
| 18 | 15 | Z ORTHOP GRENZGEB | 0.35 | 0.43 | 2.6 | 1 | 0.630 | 1971–2002 |

OTORHINOLARYNGOLOGY

ISI Category Description Otorhinolaryngology covers resources on the basic and clinical research and medicine of the ears, nose, and throat. This category also includes voice and audiology resources.

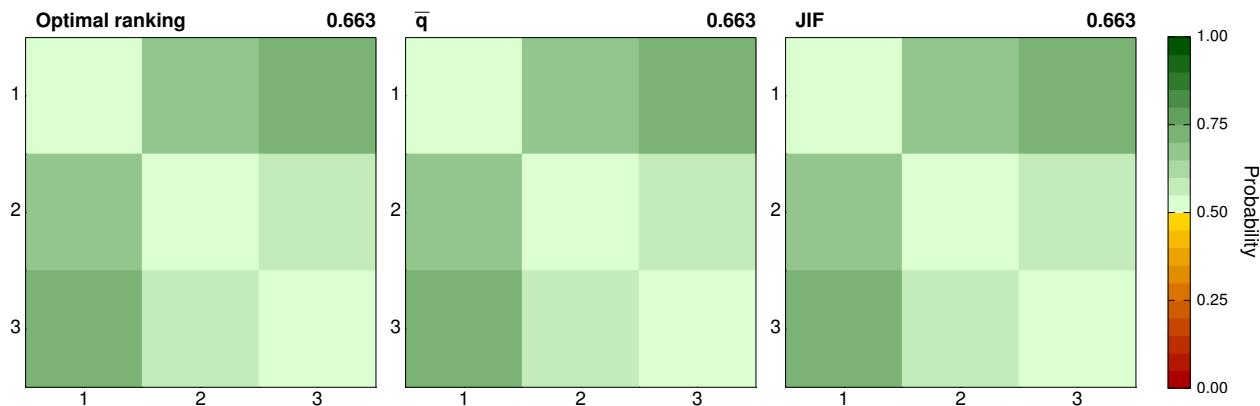


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 5 | 5 | HEARING RES | 1.41 | 0.38 | 34.2 | 22 | 1.584 | 1980–1989 |
| 2 | 4 | 4 | ARCH OTOLARYNGOL | 1.18 | 0.40 | 19.6 | 13 | 1.734 | 1973–1995 |
| 3 | 3 | 3 | LARYNGOSCOPE | 1.19 | 0.42 | 19.4 | 13 | 1.736 | 1979–1994 |
| 4 | 1 | 1 | HEAD NECK-J SCI SPEC | 1.15 | 0.37 | 17.0 | 11 | 1.961 | 1988–1999 |
| 5 | 7 | 7 | ANN OTO RHINOL LARYN | 1.13 | 0.42 | 17.6 | 11 | 1.096 | 1960–1995 |
| 6 | 2 | 2 | EAR HEARING | 1.01 | 0.41 | 14.0 | 8 | 1.858 | 1981–2000 |
| 7 | 9 | 9 | INT J PEDIATR OTORHI | 0.91 | 0.37 | 9.2 | 6 | 0.846 | 1978–1995 |
| 8 | 12 | 12 | AM J OTOLARYNG | 0.88 | 0.38 | 8.7 | 6 | 0.737 | 1988–1997 |
| 9 | 8 | 8 | OTOLARYNG CLIN N AM | 0.88 | 0.40 | 9.1 | 6 | 0.911 | 1973–1998 |
| 10 | 14 | 14 | J LARYNGOL OTOL | 0.82 | 0.39 | 7.8 | 5 | 0.561 | 1979–1995 |
| 11 | 10 | 10 | EUR ARCH OTO-RHINO-L | 0.78 | 0.39 | 6.7 | 4 | 0.822 | 1989–1998 |
| 12 | 17 | 17 | J OTOLARYNGOL | 0.78 | 0.42 | 7.2 | 4 | 0.368 | 1975–1998 |
| 13 | 6 | 6 | OTOLARYNG HEAD NECK | 0.75 | 0.40 | 6.9 | 4 | 1.338 | 1998–2002 |
| 14 | 13 | 13 | ORL J OTO-RHINO-LARY | 0.68 | 0.39 | 5.6 | 4 | 0.704 | 1973–2001 |
| 15 | 16 | 16 | LARYNGO RHINO OTOL | 0.57 | 0.38 | 3.9 | 2 | 0.400 | 1992–1999 |
| 16 | 15 | 15 | HNO | 0.57 | 0.41 | 3.9 | 2 | 0.533 | 1987–1998 |
| 17 | 11 | 11 | ACTA OTO-LARYNGOL | 0.44 | 0.84 | 4.7 | 0 | 0.738 | 1994–1997 |

PALEONTOLOGY

ISI Category Description Paleontology includes resources that focus on the study of life and physical conditions, such as climate and geography, of past geological periods as recorded by fossil remains.

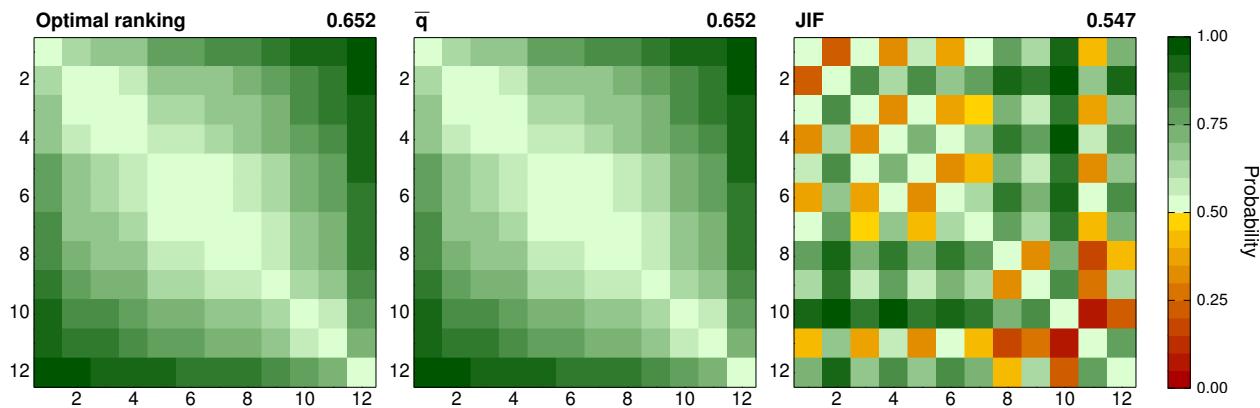


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | PALAEOGEOGR PALAEOCL | 1.19 | 0.38 | 20.4 | 13 | 1.822 | 1967–1997 | |
| 2 | 2 | REV PALAEOBOT PALYNO | 0.93 | 0.36 | 10.5 | 7 | 1.170 | 1967–2001 | |
| 3 | 3 | J PALEONTOL | 0.81 | 0.37 | 7.8 | 5 | 0.834 | 1954–2001 | |

PARASITOLOGY

ISI Category Description Parasitology covers resources concerning many aspects of the study of parasites, organisms that live in or on other living organisms, deriving benefits for themselves and often causing harm to their hosts.

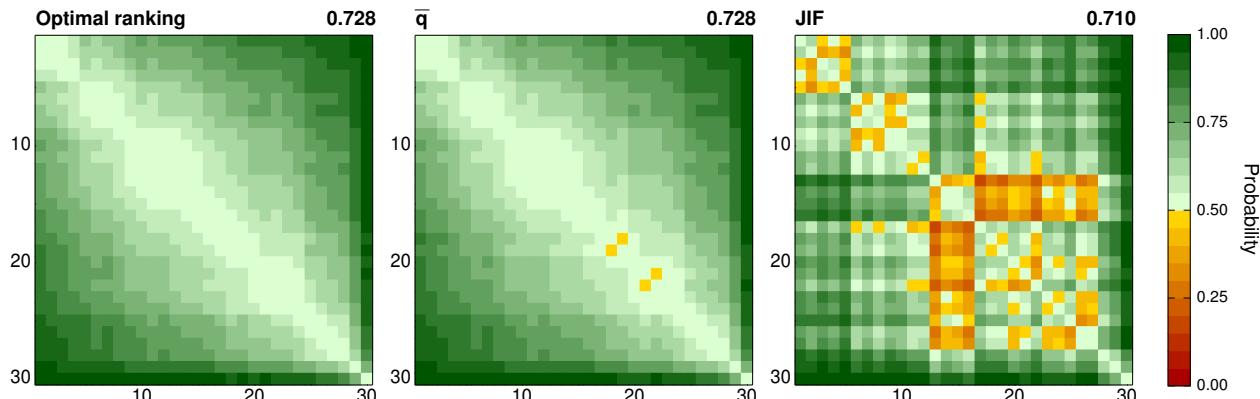


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | MOL BIOCHEM PARASIT | 1.44 | 0.28 | 31.1 | 24 | 2.641 | 1991–1994 |
| 2 | 4 | PARASITE IMMUNOL | 1.29 | 0.33 | 22.5 | 17 | 2.009 | 1979–1995 |
| 3 | 6 | PARASITOLOGY | 1.24 | 0.36 | 21.8 | 15 | 1.786 | 1963–1994 |
| 4 | 11 | EXP PARASITOL | 1.20 | 0.35 | 19.6 | 13 | 1.108 | 1960–1997 |
| 5 | 1 | INT J PARASITOL | 1.07 | 0.36 | 14.0 | 10 | 3.337 | 1974–2002 |
| 6 | 7 | J PARASITOL | 1.06 | 0.38 | 15.1 | 9 | 1.300 | 1956–1995 |
| 7 | 3 | ACTA TROP | 1.02 | 0.39 | 12.8 | 9 | 2.211 | 1977–1997 |
| 8 | 5 | VET PARASITOL | 0.97 | 0.35 | 11.4 | 7 | 1.900 | 1975–2001 |
| 9 | 9 | ANN TROP MED PARASIT | 0.89 | 0.38 | 9.1 | 6 | 1.191 | 1987–2000 |
| 10 | 12 | SYST PARASITOL | 0.69 | 0.38 | 5.9 | 3 | 0.856 | 1980–1999 |
| 11 | 8 | MEM I OSWALDO CRUZ | 0.60 | 0.39 | 4.5 | 3 | 1.208 | 1971–2001 |
| 12 | 10 | PARASITOL RES | 0.21 | 0.39 | 2.4 | 1 | 1.140 | 1986–1987 |

PATHOLOGY

ISI Category Description Pathology includes resources specializing in the techniques, causes, and developmental effect of disease on living tissue. This category also considers the medical and biomedical applications of histological and cytogenetic methods, the development and use of novel techniques and diagnostic applications, and the pathologic study of specific tissues or diseases.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-------------|-----|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 5 | AM J SURG PATHOL | 1.59 | 0.36 | 49.0 | 34 | 4.144 | 1976–1995 |
| 2 | 3 | LAB INVEST | 1.55 | 0.40 | 49.5 | 31 | 4.453 | 1963–1993 |
| 3 | 1 | AM J PATHOL | 1.53 | 0.43 | 49.9 | 29 | 5.917 | 1954–1992 |
| 4 | 4 | J NEUROPATH EXP NEUR | 1.47 | 0.44 | 41.1 | 25 | 4.371 | 1956–1999 |
| 5 | 2 | J PATHOL | 1.38 | 0.36 | 27.7 | 21 | 5.759 | 1995–1998 |
| 6 | 9 | HUM PATHOL | 1.36 | 0.43 | 35.4 | 20 | 2.810 | 1971–1992 |
| 7 | 7 | HISTOPATHOLOGY | 1.33 | 0.34 | 28.8 | 18 | 3.216 | 1976–1994 |
| 8 | 10 | ACTA NEUROPATHOL | 1.29 | 0.39 | 27.6 | 17 | 2.694 | 1965–1996 |
| 9 | 17 | ARCH PATHOL LAB MED | 1.23 | 0.38 | 23.0 | 14 | 1.605 | 1975–1989 |
| 10 | 6 | MODERN PATHOL | 1.22 | 0.37 | 19.1 | 14 | 3.753 | 1987–1999 |
| 11 | 8 | AM J CLIN PATHOL | 1.20 | 0.41 | 22.7 | 13 | 2.939 | 1969–1997 |
| 12 | 22 | VET PATHOL | 1.19 | 0.36 | 17.8 | 13 | 1.188 | 1970–1993 |
| 13 | 12 | J CLIN PATHOL | 1.16 | 0.42 | 23.6 | 12 | 2.245 | 1954–1994 |
| 14 | 11 | TISSUE ANTIGENS | 1.14 | 0.40 | 20.2 | 11 | 2.462 | 1971–1999 |
| 15 | 19 | J ORAL PATHOL MED | 1.12 | 0.36 | 16.6 | 11 | 1.530 | 1972–1995 |
| 16 | 18 | J CUTAN PATHOL | 1.08 | 0.36 | 13.6 | 10 | 1.582 | 1973–1998 |
| 17 | 26 | ACTA CYTOL | 1.06 | 0.38 | 14.6 | 9 | 0.793 | 1961–1995 |
| 18 | 21 | ORAL SURG ORAL MED O | 1.01 | 0.41 | 13.5 | 8 | 1.221 | 1970–1995 |
| 19 | 27 | DIAGN CYTOPATHOL | 1.02 | 0.37 | 11.5 | 8 | 0.786 | 1986–1995 |
| 20 | 24 | PATHOL RES PRACT | 0.95 | 0.39 | 11.2 | 7 | 0.892 | 1977–1998 |
| 21 | 20 | EXP MOL PATHOL | 0.92 | 0.34 | 10.0 | 7 | 1.377 | 1989–2002 |
| 22 | 14 | TOXICOL PATHOL | 0.92 | 0.45 | 11.4 | 6 | 2.092 | 1986–2000 |
| 23 | 23 | J COMP PATHOL | 0.91 | 0.37 | 9.4 | 6 | 0.939 | 1981–1999 |

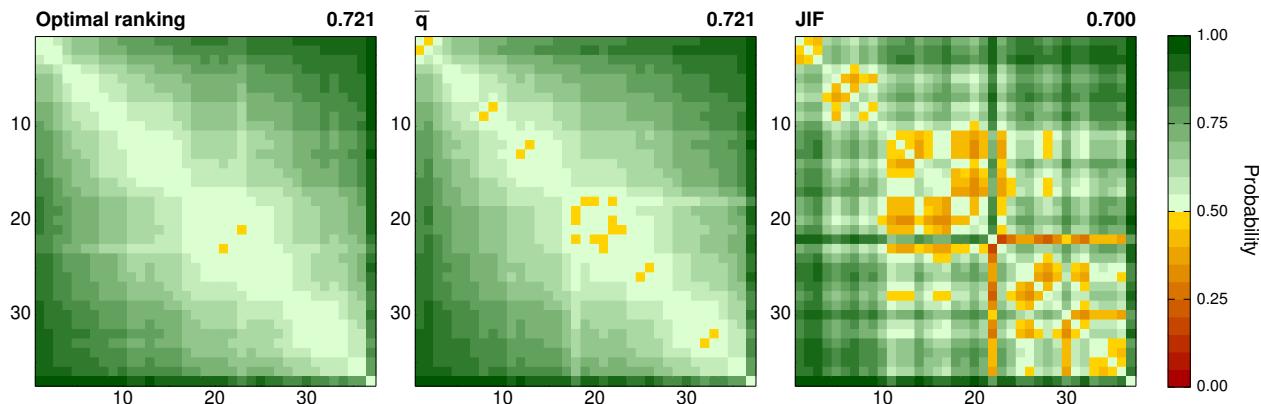
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 15 | APMIS | 0.86 | 0.40 | 8.8 | 5 | 1.875 | 1987–1999 |
| 25 | 25 | ULTRASTRUCT PATHOL | 0.79 | 0.34 | 6.7 | 5 | 0.835 | 1995–2001 |
| 26 | 16 | PATHOLOGY | 0.71 | 0.36 | 5.9 | 4 | 1.643 | 1994–2002 |
| 27 | 13 | HISTOL HISTOPATHOL | 0.70 | 0.37 | 5.6 | 3 | 2.182 | 1985–2001 |
| 28 | 28 | AM J FOREN MED PATH | 0.65 | 0.44 | 5.1 | 3 | 0.745 | 1979–1999 |
| 29 | 29 | PATHOL BIOL | 0.37 | 0.46 | 3.0 | 1 | 0.667 | 1979–2003 |
| 30 | 30 | ZH NEVROPATOL PSIKH | -0.20 | 0.39 | 0.4 | 0 | 0.129 | 1956–1995 |

PEDIATRICS

ISI Category Description Pediatrics covers resources on basic and clinical research in pediatrics. Numerous pediatric specialties are covered including, cardiology and respiratory systems, dentistry, dermatology, developmental behavior, gastroenterology, hematology, immunology and infectious diseases, neurology, nutrition, oncology, psychiatry, surgery, tropical medicine, urology, and nephrology. Coverage also includes perinatology, neonatology, and adolescent medicine.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|-----------|----|-------|-----------|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 3 | J PEDIATR | 1.52 | 0.38 | 42.3 | 30 | 3.991 | 1966–1995 | |
| 2 | 2 | J AM ACAD CHILD PSY | 1.52 | 0.43 | 43.4 | 30 | 4.767 | 1987–1997 | |
| 3 | 1 | PEDIATRICS | 1.45 | 0.45 | 38.9 | 25 | 5.012 | 1962–1993 | |
| 4 | 7 | ARCH DIS CHILD | 1.34 | 0.39 | 30.1 | 19 | 2.090 | 1959–1988 | |
| 5 | 4 | PEDIATR INFECT DIS J | 1.28 | 0.38 | 23.1 | 16 | 3.215 | 1990–1995 | |
| 6 | 6 | PEDIATR RES | 1.25 | 0.37 | 22.5 | 15 | 2.619 | 1982–1996 | |
| 7 | 9 | DEV MED CHILD NEUROL | 1.25 | 0.41 | 22.6 | 15 | 2.008 | 1976–1995 | |
| 8 | 8 | J PEDIATR GASTR NUTR | 1.17 | 0.36 | 17.5 | 12 | 2.067 | 1993–1995 | |
| 9 | 5 | J ADOLESCENT HEALTH | 1.17 | 0.39 | 16.4 | 12 | 2.710 | 1993–1999 | |
| 10 | 20 | J PEDIATR SURG | 1.13 | 0.36 | 15.7 | 11 | 1.109 | 1989–1995 | |
| 11 | 10 | PEDIATR NEPHROL | 1.07 | 0.39 | 14.3 | 10 | 2.007 | 1986–1995 | |
| 12 | 23 | PEDIATR CLIN N AM | 1.06 | 0.38 | 15.4 | 9 | 1.048 | 1970–1997 | |
| 13 | 14 | PEDIATR NEUROL | 1.06 | 0.34 | 12.7 | 9 | 1.542 | 1986–1997 | |
| 14 | 18 | J PEDIATR ORTHOPED | 1.04 | 0.35 | 12.3 | 9 | 1.152 | 1980–1997 | |
| 15 | 19 | EUR J PEDIATR | 1.02 | 0.38 | 12.9 | 8 | 1.137 | 1974–1998 | |
| 16 | 21 | PEDIATR RADIOL | 0.99 | 0.34 | 11.1 | 8 | 1.076 | 1972–1994 | |
| 17 | 15 | J CHILD NEUROL | 0.95 | 0.40 | 11.4 | 7 | 1.350 | 1985–2000 | |
| 18 | 28 | INT J PEDIATR OTORHI | 0.91 | 0.37 | 9.2 | 6 | 0.846 | 1978–1995 | |
| 19 | 13 | BIOL NEONATE | 0.89 | 0.35 | 9.2 | 6 | 1.681 | 1987–1999 | |
| 20 | 12 | EARLY HUM DEV | 0.91 | 0.39 | 9.7 | 6 | 1.738 | 1991–2000 | |
| 21 | 24 | PEDIATR DERMATOL | 0.89 | 0.37 | 8.7 | 6 | 1.014 | 1987–1998 | |
| 22 | 16 | ACTA PAEDIATR | 0.90 | 0.44 | 9.8 | 6 | 1.297 | 1996–1999 | |
| 23 | 11 | PEDIATR PULM | 0.93 | 0.62 | 12.0 | 7 | 1.965 | 1985–1997 | |

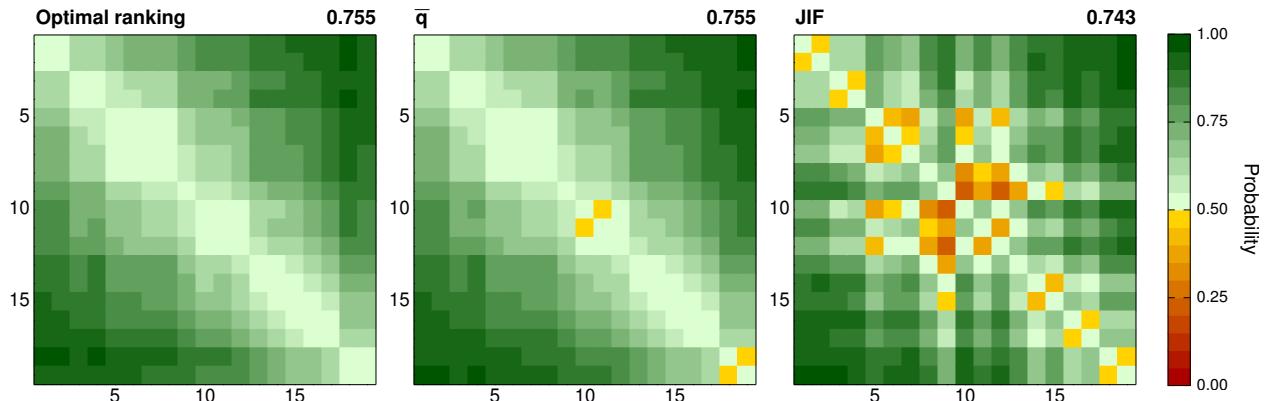
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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 17 | CHILD NERV SYST | 0.86 | 0.38 | 7.6 | 6 | 1.257 | 1995–2000 |
| 25 | 32 | AM J PERINAT | 0.84 | 0.36 | 7.6 | 5 | 0.720 | 1986–1998 |
| 26 | 27 | J PAEDIATR CHILD H | 0.84 | 0.37 | 7.7 | 5 | 0.931 | 1989–1999 |
| 27 | 29 | PEDIATR CARDIOL | 0.79 | 0.40 | 7.5 | 5 | 0.826 | 1978–2000 |
| 28 | 31 | CLIN PEDIATR | 0.77 | 0.44 | 7.6 | 4 | 0.726 | 1961–1998 |
| 29 | 25 | J PERINAT MED | 0.70 | 0.42 | 6.5 | 4 | 1.000 | 1972–2001 |
| 30 | 36 | EUR J PEDIATR SURG | 0.70 | 0.37 | 5.4 | 4 | 0.579 | 1990–2000 |
| 31 | 26 | ANN TROP PAEDIATR | 0.67 | 0.37 | 5.2 | 3 | 0.934 | 1985–1998 |
| 32 | 35 | J TROP PEDIATRICS | 0.63 | 0.38 | 4.6 | 3 | 0.592 | 1979–2000 |
| 33 | 33 | PEDIATR EMERG CARE | 0.66 | 0.47 | 4.9 | 3 | 0.700 | 1991–2001 |
| 34 | 34 | PEDIATR SURG INT | 0.62 | 0.34 | 4.0 | 3 | 0.653 | 1999–2001 |
| 35 | 30 | PEDIATR ANN | 0.51 | 0.45 | 3.9 | 2 | 0.741 | 1978–1999 |
| 36 | 22 | KLIN PADIATR | 0.47 | 0.38 | 3.6 | 2 | 1.055 | 1971–1995 |
| 37 | 37 | MONATSSCHR KINDERH | -0.11 | 0.44 | 0.8 | 0 | 0.161 | 1994–2005 |

PERIPHERAL VASCULAR DISEASE

ISI Category Description Peripheral Vascular Disease covers resources on arterial occlusive disease (atherosclerosis or hardening of the arteries), venous obstruction and clotting, venous incompetence/insufficiency, cerebrovascular disease, aneurysms, vasospastic disorders, and other vascular disorders. This category also covers hypertension, circulation, and stroke. Resources on the diagnosis, treatment, and prevention of heart diseases are covered in the Cardiac & Cardiovascular Systems category.

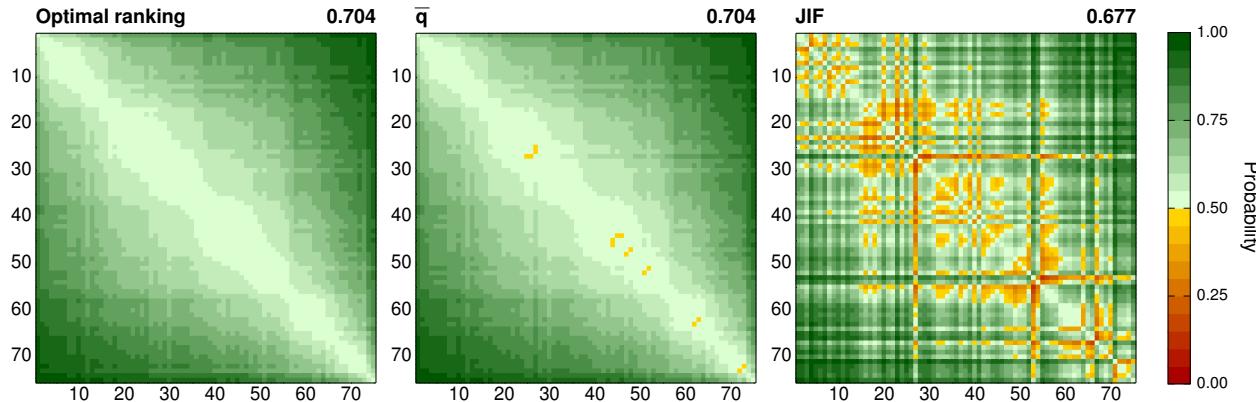


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | CIRC RES | 1.72 | 0.46 | 75.8 | 47 | 9.854 | 1962–1994 |
| 2 | 1 | CIRCULATION | 1.71 | 0.46 | 75.4 | 45 | 10.940 | 1969–1997 |
| 3 | 4 | STROKE | 1.52 | 0.42 | 48.5 | 30 | 5.391 | 1976–1993 |
| 4 | 3 | HYPERTENSION | 1.49 | 0.34 | 39.1 | 26 | 6.007 | 1995–1999 |
| 5 | 7 | J VASC SURG | 1.40 | 0.40 | 32.7 | 22 | 3.311 | 1983–1995 |
| 6 | 10 | THROMB HAEMOSTASIS | 1.34 | 0.37 | 31.1 | 19 | 2.803 | 1980–1998 |
| 7 | 6 | ATHEROSCLEROSIS | 1.34 | 0.40 | 30.9 | 18 | 3.811 | 1969–1997 |
| 8 | 12 | MICROVASC RES | 1.32 | 0.38 | 30.7 | 18 | 2.477 | 1970–1994 |
| 9 | 5 | J HYPERTENS | 1.20 | 0.37 | 21.7 | 13 | 4.021 | 1996–1999 |
| 10 | 11 | SEMIN THROMB HEMOST | 1.10 | 0.38 | 17.8 | 10 | 2.733 | 1982–2000 |
| 11 | 8 | AM J HYPERTENS | 1.10 | 0.38 | 16.3 | 10 | 3.116 | 1988–2000 |
| 12 | 13 | THROMB RES | 1.04 | 0.39 | 14.1 | 9 | 2.058 | 1988–1995 |
| 13 | 15 | CLIN EXP HYPERTENS | 0.91 | 0.35 | 9.6 | 6 | 1.147 | 1982–1999 |
| 14 | 9 | J HUM HYPERTENS | 0.86 | 0.40 | 9.4 | 5 | 2.960 | 1986–2000 |
| 15 | 14 | CORONARY ARTERY DIS | 0.80 | 0.41 | 8.6 | 5 | 1.507 | 1989–2003 |
| 16 | 17 | ANGIOLOGY | 0.71 | 0.42 | 7.4 | 4 | 0.655 | 1960–1998 |
| 17 | 16 | INT ANGIOL | 0.64 | 0.42 | 5.2 | 3 | 0.678 | 1984–2002 |
| 18 | 19 | ARCH MAL COEUR VAISS | 0.43 | 0.39 | 3.0 | 2 | 0.519 | 1979–1997 |
| 19 | 18 | VASA-J VASCULAR DIS | 0.43 | 0.52 | 3.7 | 1 | 0.568 | 1972–2000 |

PHARMACOLOGY & PHARMACY

ISI Category Description Pharmacology & Pharmacy covers resources on the discovery and testing of bioactive substances, including animal research, clinical experience, delivery systems, and dispensing of drugs. This category also includes resources on the biochemistry, metabolism, and toxic or adverse effects of drugs.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 4 | MOL PHARMACOL | 1.57 | 0.37 | 52.6 | 32 | 4.469 | 1965–1998 |
| 2 | 7 | J PHARMACOL EXP THER | 1.46 | 0.37 | 42.0 | 25 | 3.956 | 1984–1989 |
| 3 | 23 | PEPTIDES | 1.45 | 0.38 | 35.4 | 26 | 2.701 | 1979–1983 |
| 4 | 10 | BRIT J PHARMACOL | 1.41 | 0.40 | 39.3 | 22 | 3.825 | 1967–1991 |
| 5 | 1 | CLIN PHARMACOL THER | 1.39 | 0.39 | 33.3 | 22 | 8.066 | 1982–1998 |
| 6 | 5 | ANTIMICROB AGENTS CH | 1.38 | 0.38 | 32.7 | 21 | 4.153 | 1971–1998 |
| 7 | 12 | PSYCHOPHARMACOLOGY | 1.36 | 0.36 | 31.1 | 20 | 3.625 | 1975–1997 |
| 8 | 25 | EUR J PHARMACOL | 1.36 | 0.41 | 34.4 | 19 | 2.522 | 1969–1988 |
| 9 | 20 | N-S ARCH PHARMACOL | 1.35 | 0.41 | 33.9 | 19 | 2.779 | 1972–1990 |
| 10 | 2 | TOXICOL APPL PHARM | 1.34 | 0.36 | 27.8 | 19 | 4.722 | 1979–1995 |
| 11 | 9 | NEUROPHARMACOLOGY | 1.31 | 0.37 | 28.2 | 17 | 3.860 | 1969–1999 |
| 12 | 29 | LIFE SCI | 1.29 | 0.43 | 31.6 | 16 | 2.389 | 1963–1986 |
| 13 | 6 | J CONTROL RELEASE | 1.28 | 0.35 | 22.8 | 16 | 4.012 | 1997–2000 |
| 14 | 13 | BIOCHEM PHARMACOL | 1.26 | 0.36 | 24.8 | 15 | 3.581 | 1984–1994 |
| 15 | 14 | ALIMENT PHARM THERAP | 1.25 | 0.37 | 22.8 | 15 | 3.287 | 1992–1999 |
| 16 | 3 | DRUGS | 1.23 | 0.39 | 22.7 | 14 | 4.472 | 1991–2001 |
| 17 | 11 | DRUG METAB DISPOS | 1.19 | 0.37 | 20.1 | 13 | 3.638 | 1987–2002 |
| 18 | 30 | BEHAV PHARMACOL | 1.20 | 0.34 | 17.9 | 13 | 2.388 | 1990–1998 |
| 19 | 39 | ALCOHOL | 1.18 | 0.36 | 20.1 | 12 | 2.020 | 1987–1993 |
| 20 | 41 | CHEM-BIOL INTERACT | 1.15 | 0.35 | 17.8 | 12 | 1.800 | 1985–1995 |
| 21 | 8 | J ANTIMICROB CHEMOTH | 1.16 | 0.37 | 18.3 | 12 | 3.891 | 1976–2000 |
| 22 | 26 | TOXICON | 1.15 | 0.37 | 16.9 | 11 | 2.509 | 1966–1997 |
| 23 | 36 | PHARMACOL BIOCHEM BE | 1.14 | 0.35 | 17.0 | 11 | 2.092 | 1991–1997 |
| 24 | 55 | J ANTIBIOT | 1.13 | 0.37 | 18.6 | 11 | 1.262 | 1963–1992 |

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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 25 | 28 | J NAT PROD | | 1.12 | 0.31 | 15.2 | 11 | 2.418 | 1978–1996 |
| 26 | 15 | INT CLIN PSYCHOPHARM | | 1.12 | 0.41 | 18.1 | 10 | 3.080 | 1985–2002 |
| 27 | 21 | NEUROTOXICOLOGY | | 1.12 | 0.40 | 17.1 | 11 | 2.718 | 1980–1997 |
| 28 | 19 | ANTIVIR RES | | 1.11 | 0.41 | 16.6 | 11 | 2.878 | 1980–1999 |
| 29 | 31 | CANCER CHEMOTH PHARM | | 1.09 | 0.36 | 16.0 | 10 | 2.363 | 1988–1999 |
| 30 | 22 | BRIT J CLIN PHARMACO | | 1.09 | 0.46 | 15.8 | 10 | 2.718 | 1994–2000 |
| 31 | 24 | TOXICOLOGY | | 1.06 | 0.34 | 13.7 | 9 | 2.685 | 1994–2000 |
| 32 | 17 | THER DRUG MONIT | | 1.06 | 0.36 | 14.0 | 9 | 3.032 | 1980–2000 |
| 33 | 35 | CHIRALITY | | 1.06 | 0.34 | 13.7 | 9 | 2.165 | 1990–1997 |
| 34 | 45 | J CARDIOVASC PHARM | | 1.05 | 0.34 | 14.0 | 9 | 1.625 | 1993–1997 |
| 35 | 52 | CAN J PHYSIOL PHARM | | 1.05 | 0.37 | 14.5 | 9 | 1.380 | 1985–1995 |
| 36 | 38 | EUR J CLIN PHARMACOL | | 1.03 | 0.38 | 13.6 | 9 | 2.029 | 1988–2000 |
| 37 | 56 | CHEM PHARM BULL | | 1.01 | 0.34 | 12.5 | 8 | 1.262 | 1961–1990 |
| 38 | 44 | J ETHNOPHARMACOL | | 0.99 | 0.33 | 10.8 | 8 | 1.625 | 1978–2001 |
| 39 | 34 | INT J PHARM | | 0.99 | 0.35 | 10.9 | 8 | 2.212 | 1994–1998 |
| 40 | 46 | XENOBIOTICA | | 0.98 | 0.36 | 12.3 | 7 | 1.613 | 1990–2001 |
| 41 | 16 | J CLIN PHARMACOL | | 0.98 | 0.38 | 11.7 | 7 | 3.058 | 1986–1999 |
| 42 | 18 | CLIN THER | | 0.97 | 0.39 | 13.2 | 7 | 2.893 | 1994–1999 |
| 43 | 67 | Z NATURFORSCH C | | 0.96 | 0.35 | 11.6 | 7 | 0.720 | 1987–1991 |
| 44 | 57 | PHARMACOLOGY | | 0.95 | 0.37 | 12.1 | 7 | 1.240 | 1968–1996 |
| 45 | 33 | ANTI-CANCER DRUG | | 0.95 | 0.35 | 10.9 | 7 | 2.245 | 1990–2001 |
| 46 | 32 | ANN PHARMACOTHER | | 0.96 | 0.38 | 10.8 | 7 | 2.259 | 1991–1998 |
| 47 | 37 | J PHARMACEUT BIOMED | | 0.94 | 0.34 | 9.6 | 7 | 2.032 | 1984–2000 |
| 48 | 43 | PLANTA MED | | 0.94 | 0.44 | 11.0 | 7 | 1.746 | 1977–2000 |
| 49 | 58 | CLIN EXP HYPERTENS | | 0.91 | 0.35 | 9.6 | 6 | 1.147 | 1982–1999 |
| 50 | 40 | PHARMACOTHERAPY | | 0.90 | 0.41 | 9.8 | 6 | 1.900 | 1986–2000 |
| 51 | 64 | DRUG DEVELOP RES | | 0.89 | 0.47 | 12.0 | 6 | 0.752 | 1980–1999 |
| 52 | 47 | BIOMED CHROMATOGR | | 0.90 | 0.39 | 8.3 | 6 | 1.611 | 1988–1999 |
| 53 | 48 | J PHARM PHARMACOL | | 0.87 | 0.37 | 9.0 | 6 | 1.533 | 1995–1999 |
| 54 | 42 | CLIN EXP PHARMACOL P | | 0.87 | 0.42 | 9.4 | 6 | 1.780 | 1976–2001 |
| 55 | 51 | CARDIOVASC DRUG THER | | 0.84 | 0.40 | 9.4 | 5 | 1.396 | 1988–1998 |
| 56 | 50 | CHEMOTHERAPY | | 0.81 | 0.38 | 8.3 | 5 | 1.511 | 1963–2000 |
| 57 | 70 | ARZNEIMITTEL-FORSCH | | 0.76 | 0.42 | 8.7 | 4 | 0.596 | 1955–1996 |
| 58 | 59 | PHYTOTHER RES | | 0.73 | 0.34 | 6.0 | 4 | 1.144 | 1998–2001 |
| 59 | 49 | BIOMED PHARMACOTHER | | 0.72 | 0.40 | 6.8 | 4 | 1.526 | 1981–2003 |
| 60 | 68 | J INT MED RES | | 0.72 | 0.41 | 6.9 | 4 | 0.665 | 1973–2001 |
| 61 | 54 | INT J CLIN PHARM TH | | 0.71 | 0.40 | 6.9 | 4 | 1.361 | 1971–2000 |
| 62 | 61 | DRUG EXP CLIN RES | | 0.67 | 0.40 | 6.3 | 3 | 1.030 | 1983–2001 |
| 63 | 27 | PHARMACOL RES | | 0.67 | 0.40 | 5.7 | 3 | 2.421 | 1984–2004 |
| 64 | 60 | ARCH PHARM | | 0.66 | 0.32 | 4.8 | 3 | 1.076 | 1968–2001 |
| 65 | 62 | METHOD FIND EXP CLIN | | 0.62 | 0.43 | 5.2 | 3 | 0.847 | 1981–1999 |
| 66 | 63 | DRUG DEV IND PHARM | | 0.61 | 0.34 | 4.1 | 3 | 0.821 | 1999–2002 |
| 67 | 69 | PHARMAZIE | | 0.56 | 0.37 | 4.0 | 2 | 0.606 | 1974–2001 |

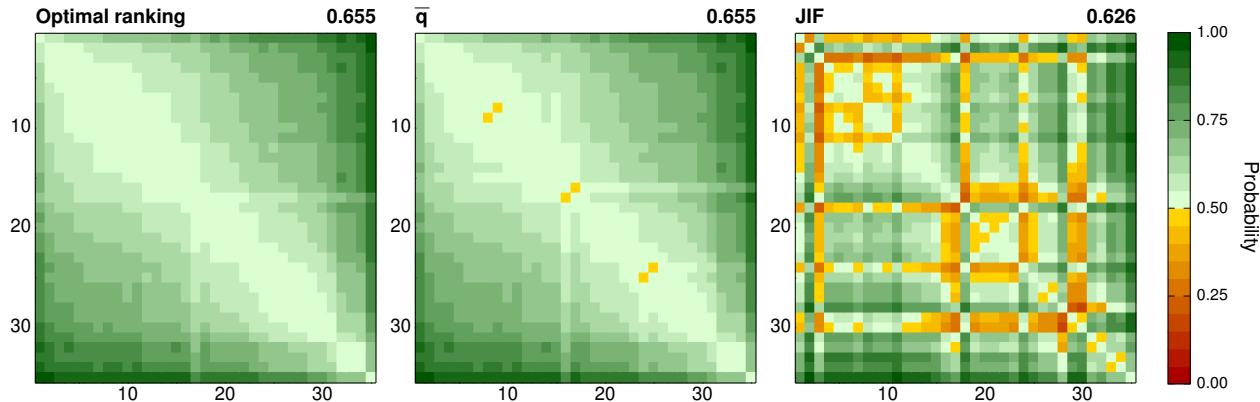
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|-----|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 68 | 74 | YAKUGAKU ZASSHI | 0.53 | 0.41 | 4.0 | 2 | 0.225 | 1968–1998 |
| 69 | 65 | J LABELLED COMPD RAD | 0.52 | 0.38 | 4.0 | 2 | 0.746 | 1978–2003 |
| 70 | 73 | CURR THER RES CLIN E | 0.45 | 0.44 | 3.8 | 2 | 0.319 | 1984–2002 |
| 71 | 72 | THERAPIE | 0.44 | 0.41 | 3.6 | 2 | 0.381 | 1970–2002 |
| 72 | 66 | AM J PHARM EDUC | 0.40 | 0.42 | 2.7 | 1 | 0.743 | 1966–2001 |
| 73 | 53 | J CHEMOTHERAPY | 0.41 | 0.53 | 3.4 | 1 | 1.374 | 1988–2003 |
| 74 | 75 | PHARM IND | 0.20 | 0.45 | 2.1 | 1 | 0.153 | 1980–2001 |
| 75 | 71 | FOOD DRUG LAW J | 0.04 | 0.48 | 1.2 | 0 | 0.397 | 1972–2005 |

PHYSICS, APPLIED

ISI Category Description Physics, Applied covers those resources dealing with the applications of condensed matter, optics, vacuum science, lasers, electronics, cryogenics, magnets and magnetism, acoustical physics, and mechanics. This category also may include resources on physics applications to other sciences, engineering, and industry.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | APPL PHYS LETT | 1.21 | 0.40 | 24.8 | 13 | 3.977 | 1992–1995 |
| 2 | 11 | J VAC SCI TECHNOL B | 1.09 | 0.41 | 17.5 | 10 | 1.597 | 1987–1990 |
| 3 | 8 | IEEE T ELECTRON DEV | 1.05 | 0.44 | 18.1 | 9 | 2.052 | 1973–1994 |
| 4 | 18 | J VAC SCI TECHNOL A | 1.03 | 0.41 | 14.4 | 8 | 1.394 | 1992–1996 |
| 5 | 5 | J APPL PHYS | 1.01 | 0.41 | 14.8 | 8 | 2.316 | 1993–1999 |
| 6 | 9 | APPL PHYS A-MATER | 1.00 | 0.45 | 15.7 | 8 | 1.739 | 1980–1997 |
| 7 | 24 | J LOW TEMP PHYS | 0.96 | 0.43 | 15.1 | 7 | 0.978 | 1972–1991 |
| 8 | 6 | IEEE J QUANTUM ELECT | 0.95 | 0.39 | 12.3 | 7 | 2.262 | 1994–2002 |
| 9 | 10 | THIN SOLID FILMS | 0.96 | 0.41 | 12.3 | 7 | 1.666 | 1989–1994 |
| 10 | 30 | PHYSICA C | 0.95 | 0.45 | 14.0 | 7 | 0.792 | 1991–1993 |
| 11 | 4 | IEEE PHOTONIC TECH L | 0.93 | 0.37 | 10.5 | 7 | 2.353 | 1994–2000 |
| 12 | 12 | SURF COAT TECH | 0.91 | 0.45 | 11.2 | 6 | 1.559 | 1986–1995 |
| 13 | 7 | J PHYS D APPL PHYS | 0.90 | 0.42 | 11.4 | 6 | 2.077 | 1969–1996 |
| 14 | 13 | REV SCI INSTRUM | 0.88 | 0.45 | 12.9 | 5 | 1.541 | 1954–1993 |
| 15 | 29 | INT J THERMOPHYS | 0.88 | 0.39 | 9.2 | 6 | 0.793 | 1985–1997 |
| 16 | 14 | J ELECTRON MATER | 0.84 | 0.41 | 9.4 | 5 | 1.504 | 1988–1999 |
| 17 | 1 | MRS BULL | 0.86 | 0.67 | 14.1 | 5 | 5.671 | 1989–2002 |
| 18 | 15 | SUPERCOND SCI TECH | 0.78 | 0.39 | 7.7 | 5 | 1.440 | 1992–1998 |
| 19 | 25 | IEEE T MAGN | 0.74 | 0.45 | 8.4 | 4 | 0.938 | 1965–1991 |
| 20 | 21 | JPN J APPL PHYS | 0.74 | 0.47 | 8.7 | 4 | 1.222 | 1974–1982 |
| 21 | 20 | MATER LETT | 0.71 | 0.40 | 6.7 | 4 | 1.353 | 1984–2000 |
| 22 | 22 | PHYS STATUS SOLIDI A | 0.69 | 0.41 | 6.4 | 3 | 1.221 | 1984–2000 |
| 23 | 19 | PHILOS MAG | 0.66 | 0.39 | 6.0 | 3 | 1.354 | 1978–2003 |
| 24 | 23 | SOLID STATE ELECTRON | 0.62 | 0.42 | 5.2 | 3 | 1.159 | 1993–2000 |

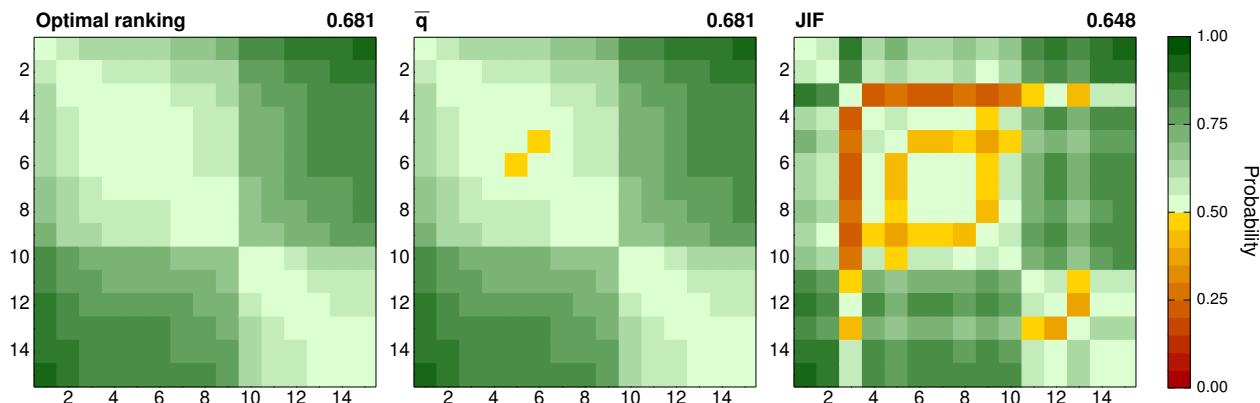
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| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 16 | APPL SURF SCI | 0.62 | 0.49 | 5.7 | 3 | 1.436 | 1996–1999 |
| 26 | 27 | VACUUM | 0.58 | 0.43 | 5.2 | 2 | 0.834 | 1965–2001 |
| 27 | 26 | CRYOGENICS | 0.56 | 0.43 | 5.3 | 2 | 0.927 | 1977–1999 |
| 28 | 3 | LASER PART BEAMS | 0.55 | 0.41 | 4.6 | 2 | 3.958 | 1986–2005 |
| 29 | 32 | INT J MOD PHYS B | 0.50 | 0.49 | 5.8 | 2 | 0.437 | 1989–1998 |
| 30 | 17 | MICROELECTRON ENG | 0.48 | 0.44 | 3.9 | 2 | 1.398 | 1992–2003 |
| 31 | 31 | J ELECTROMAGNET WAVE | 0.42 | 0.46 | 3.1 | 1 | 0.524 | 1995–1999 |
| 32 | 28 | MICROELECTRON RELIAB | 0.27 | 0.44 | 2.2 | 1 | 0.815 | 1965–2004 |
| 33 | 34 | SOLID STATE TECHNOL | 0.21 | 0.53 | 2.7 | 1 | 0.293 | 1992–1999 |
| 34 | 33 | INT J INFRARED MILLI | 0.17 | 0.46 | 1.7 | 1 | 0.326 | 1994–2002 |
| 35 | 35 | HIGH TEMP+ | -0.23 | 0.44 | 0.5 | 0 | 0.198 | 1971–2005 |

PHYSICS, ATOMIC, MOLECULAR & CHEMICAL

ISI Category Description Physics, Atomic, Molecular & Chemical includes resources concerned with the physics of atoms and molecules. Topics covered in this category include the structure of atoms and molecules, atomic and molecular interactions with radiation, magnetic resonances and relaxation, Mossbauer effect, and atomic and molecular collision processes and interactions.

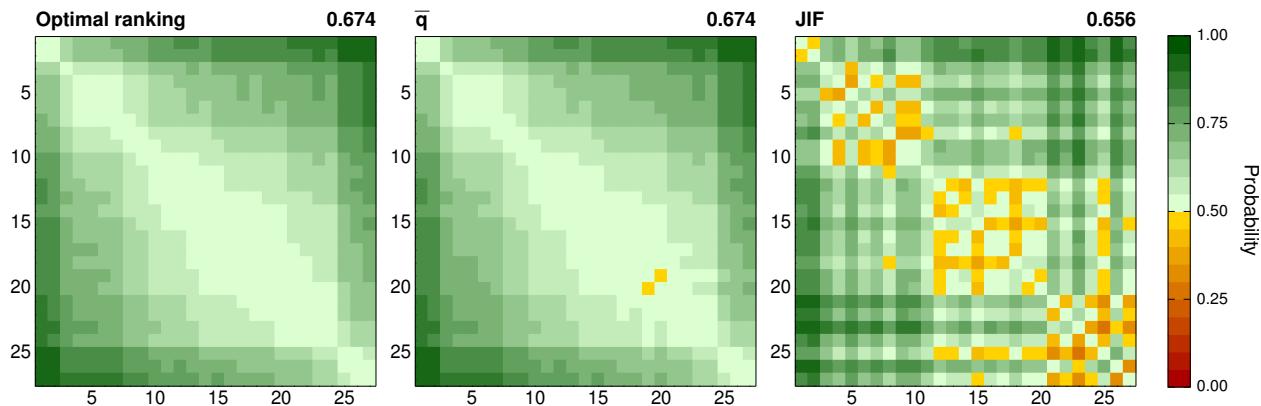


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | J CHEM PHYS | | 1.43 | 0.39 | 38.4 | 23 | 3.166 | 1989–1991 |
| 2 | 2 | PHYS REV A | | 1.32 | 0.42 | 33.2 | 18 | 3.047 | 1981–1986 |
| 3 | 9 | MOL PHYS | | 1.26 | 0.40 | 28.7 | 15 | 1.690 | 1980–1987 |
| 4 | 4 | CHEM PHYS LETT | | 1.21 | 0.39 | 23.1 | 14 | 2.462 | 1972–1993 |
| 5 | 6 | J MAGN RESON | | 1.19 | 0.40 | 30.0 | 13 | 2.076 | 1970–1992 |
| 6 | 7 | J PHYS B-AT MOL OPT | | 1.20 | 0.37 | 20.4 | 13 | 2.024 | 1981–1986 |
| 7 | 8 | CHEM PHYS | | 1.15 | 0.38 | 17.7 | 12 | 1.984 | 1986–1995 |
| 8 | 10 | J MOL SPECTROSC | | 1.12 | 0.35 | 16.2 | 11 | 1.260 | 1987–1993 |
| 9 | 5 | INT J MASS SPECTROM | | 1.08 | 0.42 | 18.0 | 10 | 2.337 | 1974–1994 |
| 10 | 13 | NUCL INSTRUM METH B | | 0.82 | 0.39 | 8.7 | 5 | 0.946 | 1988–1997 |
| 11 | 11 | INT J QUANTUM CHEM | | 0.77 | 0.52 | 8.9 | 4 | 1.182 | 1992–1998 |
| 12 | 3 | INT J HYDROGEN ENERG | | 0.70 | 0.42 | 6.7 | 4 | 2.612 | 1975–2004 |
| 13 | 12 | J MOL LIQ | | 0.65 | 0.42 | 5.6 | 3 | 1.106 | 1982–2002 |
| 14 | 14 | RADIAT PHYS CHEM | | 0.60 | 0.44 | 5.1 | 2 | 0.868 | 1992–2000 |
| 15 | 15 | HYPERFINE INTERACT | | 0.56 | 0.43 | 4.7 | 2 | 0.267 | 1981–2000 |

PHYSICS, CONDENSED MATTER

ISI Category Description Physics, Condensed Matter covers resources that deal with the study of the structure and the thermal, mechanical, electrical, magnetic, and optical properties of condensed matter. Topics covered in this category include superconductivity, surfaces, interfaces, thin films, dielectrics, ferroelectrics, and semiconductors. This category also includes resources from the former category of Solid State Physics as well as resources on condensed fluids.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | PHYS REV B | 1.32 | 0.43 | 37.1 | 18 | 3.107 | 1984–1990 |
| 2 | 1 | J MECH PHYS SOLIDS | 1.28 | 0.44 | 42.4 | 16 | 3.609 | 1954–1997 |
| 3 | 5 | SURF SCI | 1.12 | 0.47 | 18.5 | 11 | 1.880 | 1989–1995 |
| 4 | 3 | SOLID STATE IONICS | 1.02 | 0.42 | 13.3 | 8 | 2.190 | 1998–2000 |
| 5 | 9 | SOLID STATE COMMUN | 1.00 | 0.41 | 15.5 | 8 | 1.556 | 1982–1988 |
| 6 | 10 | PHIL MAG LETT | 0.99 | 0.41 | 13.5 | 7 | 1.539 | 1986–1996 |
| 7 | 7 | THIN SOLID FILMS | 0.96 | 0.41 | 12.3 | 7 | 1.666 | 1989–1994 |
| 8 | 4 | J PHYS-CONDENS MAT | 0.87 | 0.40 | 10.0 | 6 | 2.038 | 1992–1999 |
| 9 | 6 | SYNTHETIC MET | 0.86 | 0.43 | 10.7 | 6 | 1.685 | 1994–1997 |
| 10 | 11 | SUPERCOND SCI TECH | 0.78 | 0.39 | 7.7 | 5 | 1.440 | 1992–1998 |
| 11 | 18 | J PHYS CHEM SOLIDS | 0.76 | 0.41 | 7.5 | 4 | 1.164 | 1996–2000 |
| 12 | 8 | SEMICOND SCI TECH | 0.75 | 0.39 | 7.1 | 4 | 1.586 | 1991–1997 |
| 13 | 14 | MAT SCI ENG B-SOLID | 0.71 | 0.40 | 6.5 | 4 | 1.331 | 1989–2000 |
| 14 | 25 | FERROELECTRICS | 0.70 | 0.50 | 9.0 | 3 | 0.389 | 1972–1993 |
| 15 | 16 | PHYS STATUS SOLIDI A | 0.69 | 0.41 | 6.4 | 3 | 1.221 | 1984–2000 |
| 16 | 13 | PHILOS MAG | 0.66 | 0.39 | 6.0 | 3 | 1.354 | 1978–2003 |
| 17 | 20 | PHYS STATUS SOLIDI B | 0.63 | 0.41 | 5.7 | 3 | 0.967 | 1985–1999 |
| 18 | 17 | J MAGN MAGN MATER | 0.64 | 0.48 | 6.9 | 3 | 1.212 | 1997–2000 |
| 19 | 19 | SOLID STATE ELECTRON | 0.62 | 0.42 | 5.2 | 3 | 1.159 | 1993–2000 |
| 20 | 12 | APPL SURF SCI | 0.62 | 0.49 | 5.7 | 3 | 1.436 | 1996–1999 |
| 21 | 27 | HYPERFINE INTERACT | 0.56 | 0.43 | 4.7 | 2 | 0.267 | 1981–2000 |
| 22 | 15 | SUPERLATTICE MICROST | 0.54 | 0.44 | 4.8 | 2 | 1.259 | 1989–2001 |
| 23 | 22 | PHASE TRANSIT | 0.51 | 0.46 | 4.8 | 2 | 0.830 | 1986–2005 |

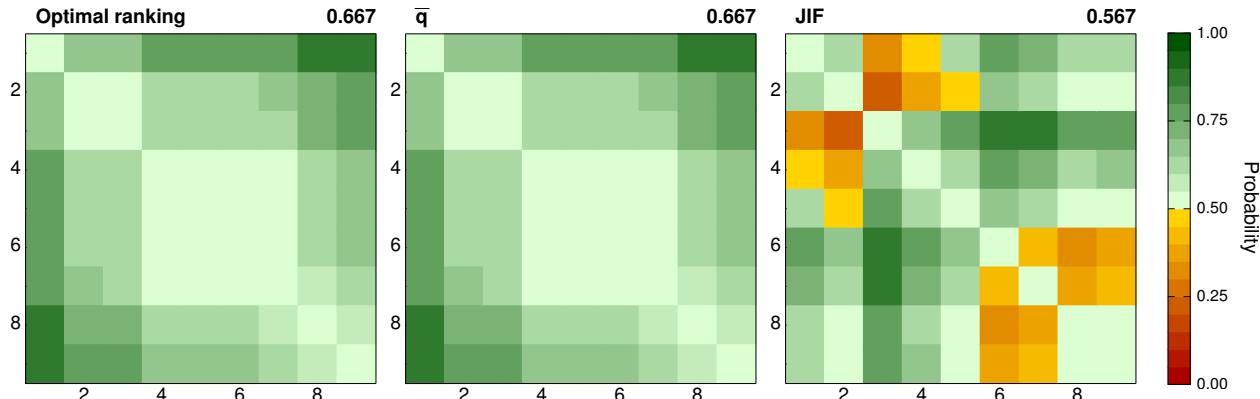
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| AUC | Rank | Journal abbreviation | p _{ss} (q J) | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|-----------------------|------|-----|----|-------|---------------------|
| | | | q̄ | σ | | | | |
| 24 | 24 | INT J MOD PHYS B | 0.50 | 0.49 | 5.8 | 2 | 0.437 | 1989–1998 |
| 25 | 21 | PHYSICA B | 0.31 | 0.48 | 2.6 | 1 | 0.872 | 1998–2000 |
| 26 | 26 | SOLID STATE TECHNOL | 0.21 | 0.53 | 2.7 | 1 | 0.293 | 1992–1999 |
| 27 | 23 | RADIAT EFF DEFECT S | 0.19 | 0.41 | 1.6 | 1 | 0.497 | 1997–2005 |

PHYSICS, FLUIDS & PLASMAS

ISI Category Description Physics, Fluids & Plasmas covers resources on the kinetic and transport theory of fluids, the physical properties of gases, and the physics of plasmas and electric discharges. This category may include resources on nuclear fusion.

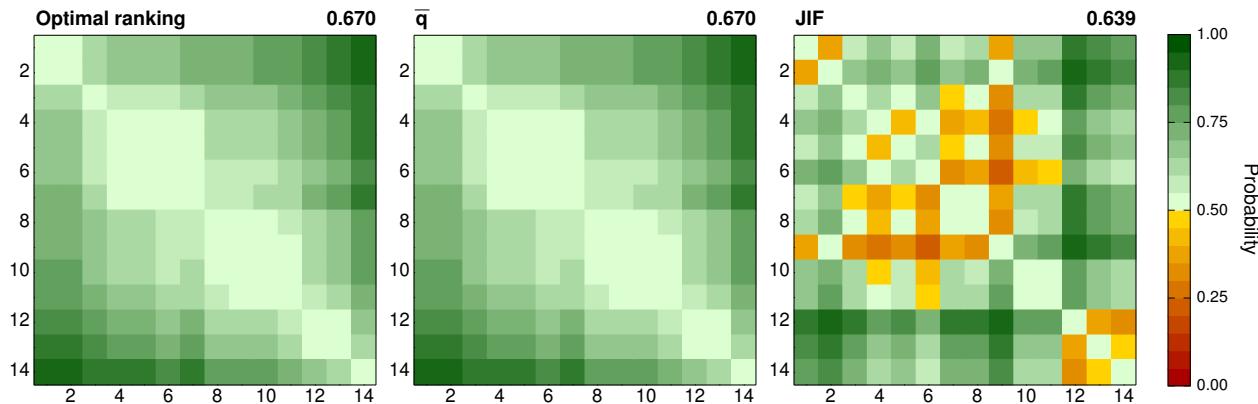


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 3 | J FLUID MECH | 1.42 | 0.45 | 43.0 | 23 | 2.022 | 1956–1991 | |
| 2 | 4 | PHYS FLUIDS | 1.10 | 0.44 | 20.4 | 10 | 1.697 | 1966–1996 | |
| 3 | 1 | NUCL FUSION | 1.06 | 0.46 | 17.0 | 9 | 2.839 | 1959–2001 | |
| 4 | 5 | IEEE T PLASMA SCI | 0.86 | 0.43 | 10.9 | 5 | 1.144 | 1978–1998 | |
| 5 | 2 | PLASMA PHYS CONTR F | 0.85 | 0.43 | 9.9 | 5 | 2.820 | 1972–2002 | |
| 6 | 8 | INT J NUMER METH FL | 0.85 | 0.43 | 11.5 | 5 | 0.870 | 1980–1998 | |
| 7 | 9 | J PLASMA PHYS | 0.80 | 0.45 | 10.8 | 4 | 0.748 | 1967–1992 | |
| 8 | 7 | EXP THERM FLUID SCI | 0.65 | 0.36 | 5.9 | 3 | 0.894 | 1987–2000 | |
| 9 | 6 | CONTRIB PLASM PHYS | 0.55 | 0.45 | 4.5 | 2 | 1.113 | 1984–2001 | |

PHYSICS, MATHEMATICAL

ISI Category Description Physics, Mathematical includes resources that focus on mathematical methods in physics. It includes resources on logic, set theory, algebra, group theory, function theory, analysis, geometry, topology, and probability theory that have applications in physics.

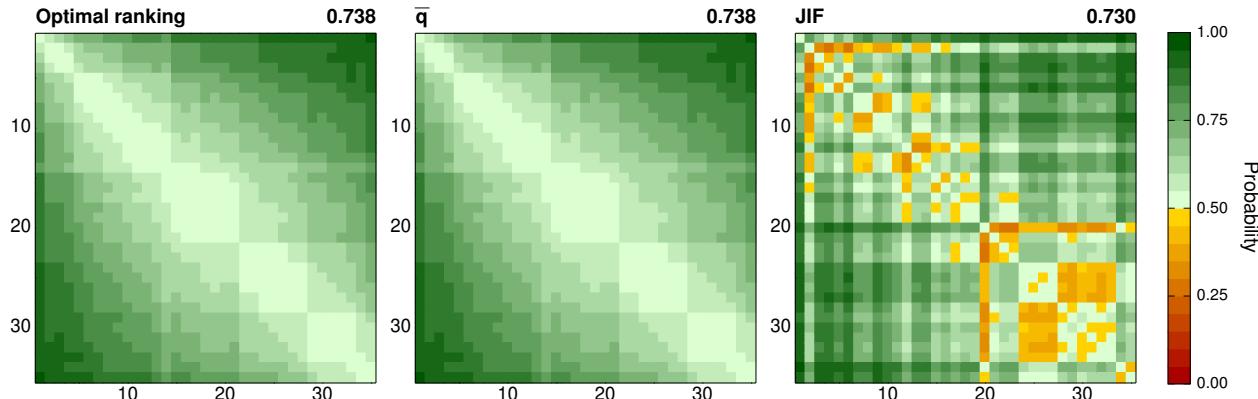


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | Rank | JIF | | \bar{q} | σ | | | | |
| 1 | 2 | COMMUN MATH PHYS | 1.26 | 0.44 | 35.7 | 16 | 2.077 | 1968–1993 | |
| 2 | 9 | NONLINEARITY | 1.23 | 0.37 | 25.2 | 16 | 1.288 | 1989–1991 | |
| 3 | 1 | J COMPUT PHYS | 1.08 | 0.41 | 19.6 | 10 | 2.328 | 1994–1999 | |
| 4 | 7 | J STAT PHYS | 0.99 | 0.45 | 16.8 | 7 | 1.437 | 1985–1996 | |
| 5 | 3 | PHYSICA D | 0.98 | 0.39 | 12.6 | 8 | 1.674 | 1996–2000 | |
| 6 | 5 | J PHYS A-MATH GEN | 0.91 | 0.46 | 14.7 | 6 | 1.577 | 1971–1993 | |
| 7 | 8 | INVERSE PROBL | 0.91 | 0.40 | 11.0 | 6 | 1.319 | 1985–1999 | |
| 8 | 10 | J MATH PHYS | 0.79 | 0.43 | 9.1 | 4 | 1.018 | 1985–1996 | |
| 9 | 4 | COMPUT PHYS COMMUN | 0.75 | 0.52 | 17.4 | 4 | 1.595 | 1970–2000 | |
| 10 | 11 | LETT MATH PHYS | 0.72 | 0.43 | 9.4 | 4 | 0.986 | 1974–1999 | |
| 11 | 6 | MOD PHYS LETT A | 0.67 | 0.48 | 10.8 | 3 | 1.564 | 1987–1992 | |
| 12 | 14 | INT J MOD PHYS B | 0.50 | 0.49 | 5.8 | 2 | 0.437 | 1989–1998 | |
| 13 | 13 | J ELECTROMAGNET WAVE | 0.42 | 0.46 | 3.1 | 1 | 0.524 | 1995–1999 | |
| 14 | 12 | THEOR MATH PHYS+ | 0.10 | 0.50 | 2.0 | 0 | 0.626 | 1974–2002 | |

PHYSICS, MULTIDISCIPLINARY

ISI Category Description Physics, Multidisciplinary covers resources having a general or interdisciplinary approach to physics. This category also includes theoretical and experimental physics as well as special topics that have relevance to many areas of physics.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | PHYS REV LETT | 1.40 | 0.48 | 44.3 | 22 | 7.072 | 1969–2006 |
| 2 | 4 | ANN PHYS-NEW YORK | 1.23 | 0.51 | 43.1 | 14 | 3.019 | 1960–1991 |
| 3 | 6 | EUROPHYS LETT | 1.16 | 0.43 | 22.9 | 12 | 2.229 | 1986–1994 |
| 4 | 3 | PHYS LETT B | 1.11 | 0.45 | 22.3 | 10 | 5.043 | 1967–2006 |
| 5 | 9 | PHYSICA D | 0.98 | 0.39 | 12.6 | 8 | 1.674 | 1996–2000 |
| 6 | 5 | CLASSICAL QUANT GRAV | 0.92 | 0.41 | 12.0 | 6 | 2.773 | 1983–1998 |
| 7 | 10 | J PHYS A-MATH GEN | 0.91 | 0.46 | 14.7 | 6 | 1.577 | 1971–1993 |
| 8 | 14 | PHYSICA A | 0.86 | 0.44 | 11.3 | 5 | 1.311 | 1975–1997 |
| 9 | 13 | PHYS LETT A | 0.83 | 0.43 | 10.7 | 5 | 1.468 | 1966–1996 |
| 10 | 7 | J PHYS SOC JPN | 0.78 | 0.42 | 9.3 | 4 | 1.926 | 1992–1999 |
| 11 | 8 | PROG THEOR PHYS | 0.76 | 0.43 | 8.6 | 4 | 1.712 | 1988–2001 |
| 12 | 11 | GEN RELAT GRAVIT | 0.72 | 0.43 | 8.1 | 4 | 1.531 | 1974–1998 |
| 13 | 16 | PHYS SCRIPTA | 0.72 | 0.47 | 7.9 | 4 | 1.161 | 1990–1993 |
| 14 | 2 | PHYS TODAY | 0.70 | 0.64 | 16.4 | 3 | 5.839 | 1968–2004 |
| 15 | 18 | AM J PHYS | 0.58 | 0.42 | 6.3 | 2 | 0.919 | 1960–1999 |
| 16 | 19 | Z NATURFORSCH A | 0.58 | 0.43 | 4.7 | 2 | 0.904 | 1991–2001 |
| 17 | 15 | JETP LETT+ | 0.57 | 0.45 | 6.6 | 2 | 1.251 | 1971–2001 |
| 18 | 12 | CHINESE PHYS | 0.52 | 0.45 | 4.1 | 2 | 1.497 | 1992–2003 |
| 19 | 23 | CAN J PHYS | 0.51 | 0.46 | 4.7 | 2 | 0.756 | 1987–2002 |
| 20 | 22 | FOUND PHYS | 0.51 | 0.42 | 3.9 | 2 | 0.854 | 1995–2003 |
| 21 | 17 | CHINESE PHYS LETT | 0.48 | 0.35 | 3.2 | 2 | 1.135 | 1997–2003 |
| 22 | 29 | INT J THEOR PHYS | 0.41 | 0.46 | 3.9 | 1 | 0.389 | 1974–2000 |
| 23 | 21 | ACTA PHYS POL B | 0.39 | 0.45 | 3.9 | 1 | 0.882 | 1974–1999 |
| 24 | 32 | NUOVO CIMENTO B | 0.36 | 0.44 | 3.1 | 1 | 0.351 | 1986–1998 |

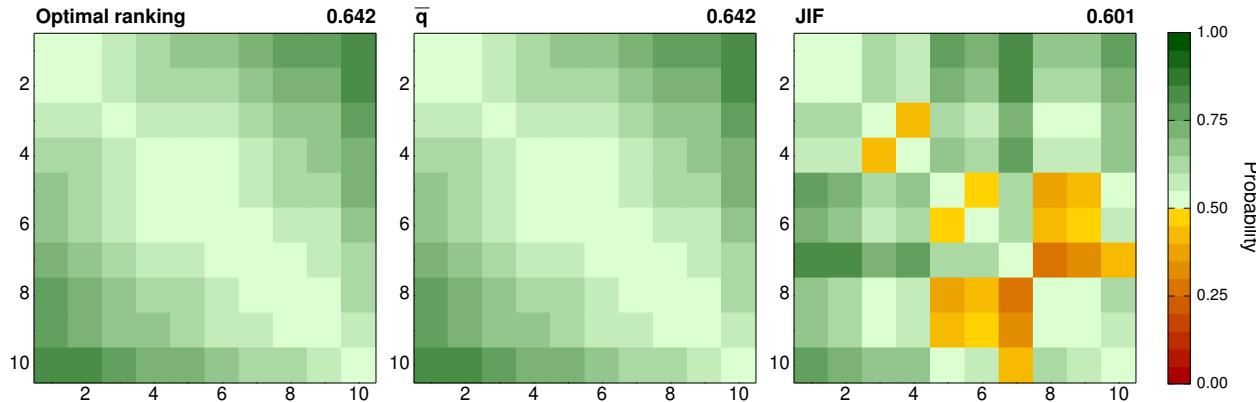
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| Rank | | | $p_{ss}(q J)$ | | | n | Steady-state period | |
|------|-----|----------------------|---------------|----------|-----------|----|---------------------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 25 | 28 | PRAMANA-J PHYS | 0.34 | 0.41 | 2.5 | 1 | 0.417 | 1989–1996 |
| 26 | 31 | ACTA PHYS POL A | 0.31 | 0.42 | 2.3 | 1 | 0.371 | 1982–1999 |
| 27 | 33 | J PHYS IV | 0.28 | 0.45 | 2.4 | 1 | 0.315 | 1993–2000 |
| 28 | 30 | INDIAN J PURE AP PHY | 0.27 | 0.44 | 2.1 | 1 | 0.380 | 1978–2002 |
| 29 | 24 | COMMUN THEOR PHYS | 0.15 | 0.49 | 1.8 | 0 | 0.726 | 1984–2004 |
| 30 | 26 | PROG THEOR PHYS SUPP | 0.12 | 0.56 | 2.5 | 0 | 0.568 | 1985–2001 |
| 31 | 25 | THEOR MATH PHYS+ | 0.10 | 0.50 | 2.0 | 0 | 0.626 | 1974–2002 |
| 32 | 27 | CZECH J PHYS | 0.08 | 0.47 | 1.4 | 0 | 0.568 | 1990–2005 |
| 33 | 35 | CHINESE J PHYS | 0.05 | 0.42 | 1.0 | 0 | 0.238 | 2001–2005 |
| 34 | 20 | PHYS WORLD | -0.13 | 0.65 | 2.0 | 0 | 0.886 | 1992–2005 |
| 35 | 34 | REV MEX FIS | -0.15 | 0.45 | 0.6 | 0 | 0.265 | 1996–2006 |

PHYSICS, NUCLEAR

ISI Category Description Physics, Nuclear includes resources on the study of nuclear structure, decay, radioactivity, reactions, and scattering. Resources in this category focus on low-energy physics. High-energy physics is covered in the PHYSICS, PARTICLES & FIELDS category.

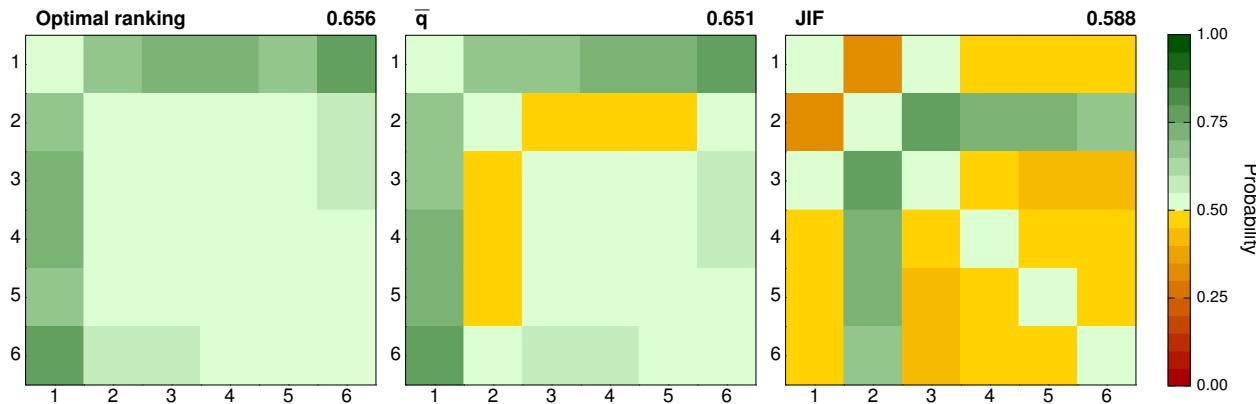


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | PHYS REV C | | 1.10 | 0.38 | 17.6 | 10 | 3.327 | 1987–1995 |
| 2 | 2 | NUCL FUSION | | 1.06 | 0.46 | 17.0 | 9 | 2.839 | 1959–2001 |
| 3 | 4 | NUCL PHYS A | | 0.96 | 0.47 | 14.0 | 7 | 2.155 | 1990–1995 |
| 4 | 3 | PLASMA PHYS CONTR F | | 0.85 | 0.43 | 9.9 | 5 | 2.820 | 1972–2002 |
| 5 | 8 | NUCL INSTRUM METH B | | 0.82 | 0.39 | 8.7 | 5 | 0.946 | 1988–1997 |
| 6 | 9 | INT J MOD PHYS A | | 0.77 | 0.50 | 11.5 | 4 | 0.914 | 1986–1994 |
| 7 | 6 | MOD PHYS LETT A | | 0.67 | 0.48 | 10.8 | 3 | 1.564 | 1987–1992 |
| 8 | 5 | J PHYS G NUCL PARTIC | | 0.59 | 0.40 | 4.8 | 3 | 1.781 | 1995–2004 |
| 9 | 10 | HYPERFINE INTERACT | | 0.56 | 0.43 | 4.7 | 2 | 0.267 | 1981–2000 |
| 10 | 7 | ENERG CONVERS MANAGE | | 0.40 | 0.45 | 3.1 | 1 | 1.325 | 1987–2006 |

PHYSICS, PARTICLES & FIELDS

ISI Category Description Physics, Particles & Fields includes resources on the study of the structure and properties of elementary particles and resonances and their interactions. Resources in this category focus on high-energy physics. Low-energy physics is covered in the PHYSICS, NUCLEAR category.

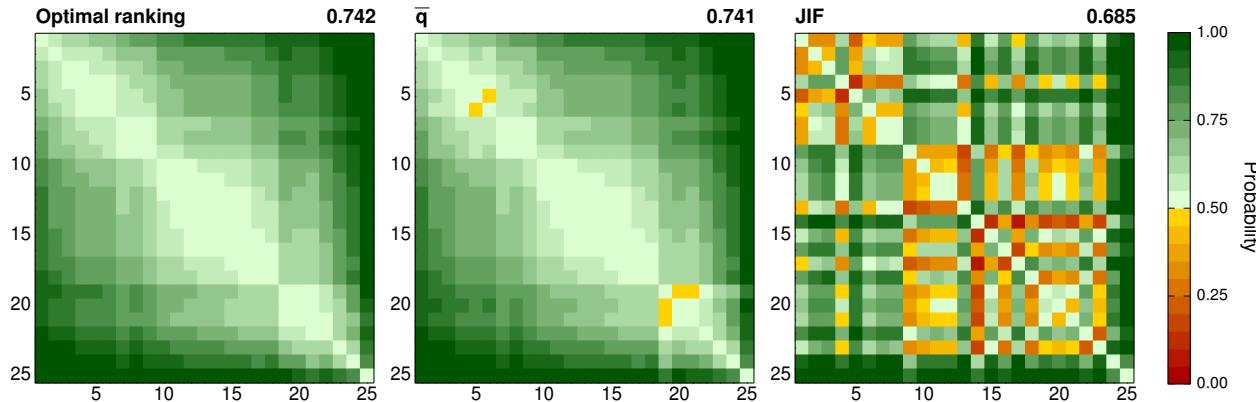


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | PHYS REV D | | 1.17 | 0.47 | 27.1 | 12 | 4.896 | 1982–1995 |
| 2 | 6 | INT J MOD PHYS A | | 0.77 | 0.50 | 11.5 | 4 | 0.914 | 1986–1994 |
| 3 | 5 | NUCL INSTRUM METH A | | 0.73 | 0.44 | 8.3 | 4 | 1.185 | 1989–1994 |
| 4 | 4 | MOD PHYS LETT A | | 0.67 | 0.48 | 10.8 | 3 | 1.564 | 1987–1992 |
| 5 | 1 | NUCL PHYS B | | 0.79 | 0.99 | 19.9 | 3 | 5.199 | 1993–1995 |
| 6 | 3 | J PHYS G NUCL PARTIC | | 0.59 | 0.40 | 4.8 | 3 | 1.781 | 1995–2004 |

PHYSIOLOGY

ISI Category Description Physiology includes resources concerned with the normal and pathologic functioning of living cells, tissues, and organisms. Topics include comparative physiology, molecular biochemistry of cell function, applied physiology, and pharmacological intervention in pathophysiological processes.

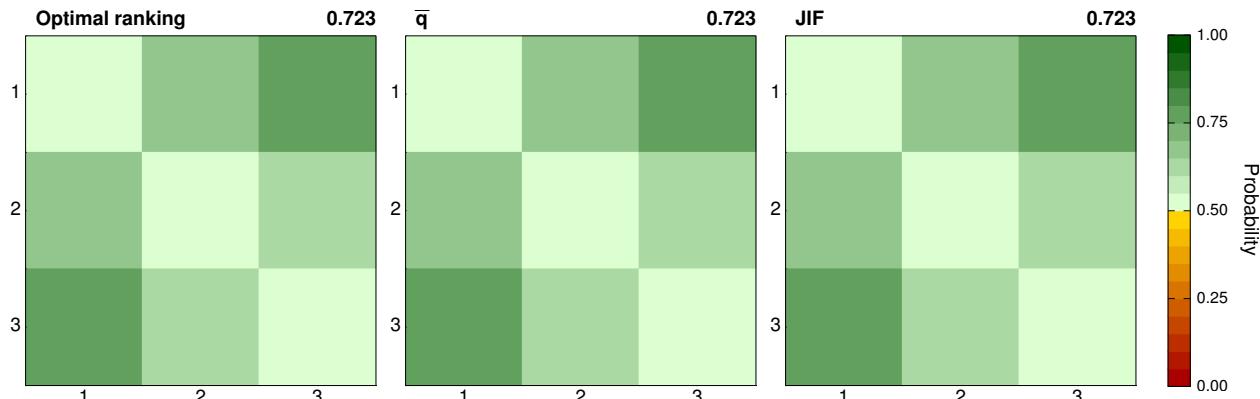


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 5 | J NEUROPHYSIOL | 1.74 | 0.36 | 70.6 | 50 | 3.652 | 1981–1989 |
| 2 | 3 | J PHYSIOL-LONDON | 1.63 | 0.39 | 60.3 | 37 | 4.407 | 1978–1992 |
| 3 | 2 | J GEN PHYSIOL | 1.55 | 0.33 | 44.2 | 33 | 4.685 | 1989–1997 |
| 4 | 7 | J APPL PHYSIOL | 1.53 | 0.41 | 47.6 | 30 | 3.178 | 1975–1980 |
| 5 | 8 | PSYCHOPHYSIOLOGY | 1.47 | 0.36 | 41.8 | 27 | 3.159 | 1985–1995 |
| 6 | 13 | J MEMBRANE BIOL | 1.47 | 0.38 | 41.2 | 27 | 2.112 | 1973–1988 |
| 7 | 6 | J CELL PHYSIOL | 1.39 | 0.41 | 35.4 | 21 | 3.638 | 1965–1993 |
| 8 | 17 | J COMP PHYSIOL A | 1.37 | 0.31 | 26.4 | 21 | 1.751 | 1984–1989 |
| 9 | 1 | PFLUG ARCH EUR J PHY | 1.32 | 0.40 | 34.8 | 18 | 4.807 | 1969–1990 |
| 10 | 15 | J INSECT PHYSIOL | 1.24 | 0.34 | 20.2 | 15 | 2.019 | 1970–1995 |
| 11 | 23 | FISH PHYSIOL BIOCHEM | 1.20 | 0.36 | 19.1 | 14 | 0.558 | 1986–1995 |
| 12 | 19 | ARCH INSECT BIOCHEM | 1.18 | 0.35 | 16.9 | 13 | 1.474 | 1982–1994 |
| 13 | 21 | PESTIC BIOCHEM PHYS | 1.16 | 0.38 | 18.2 | 12 | 1.189 | 1975–1993 |
| 14 | 4 | J PINEAL RES | 1.14 | 0.36 | 17.3 | 12 | 4.228 | 1983–2002 |
| 15 | 11 | ACTA PHYSIOL SCAND | 1.11 | 0.39 | 16.7 | 11 | 2.230 | 1987–1994 |
| 16 | 12 | CRYOBIOLOGY | 1.11 | 0.39 | 17.1 | 10 | 2.162 | 1963–1997 |
| 17 | 20 | CAN J PHYSIOL PHARM | 1.05 | 0.37 | 14.5 | 9 | 1.380 | 1985–1995 |
| 18 | 10 | EXP PHYSIOL | 1.02 | 0.34 | 13.0 | 8 | 2.339 | 1989–1997 |
| 19 | 18 | COMP BIOCHEM PHYS A | 0.87 | 0.36 | 8.6 | 6 | 1.553 | 1986–2002 |
| 20 | 16 | CLIN EXP PHARMACOL P | 0.87 | 0.42 | 9.4 | 6 | 1.780 | 1976–2001 |
| 21 | 9 | REGUL PEPTIDES | 0.88 | 0.57 | 10.4 | 5 | 2.442 | 1994–1998 |
| 22 | 22 | JPN J PHYSIOL | 0.78 | 0.37 | 7.1 | 5 | 1.081 | 1984–1998 |
| 23 | 14 | PHYSIOL RES | 0.64 | 0.38 | 4.3 | 3 | 2.093 | 1990–2003 |
| 24 | 24 | ZH VYSSH NERV DEYAT+ | 0.38 | 0.42 | 2.6 | 1 | 0.379 | 1961–1998 |
| 25 | 25 | J EVOL BIOCHEM PHYS+ | -0.76 | 0.61 | 0.2 | 0 | 0.206 | 1983–2003 |

PLANNING & DEVELOPMENT

ISI Category Description Planning & Development is concerned with resources on the economics and social development of both underdeveloped and industrialized areas. The resources in this category focus on subjects such as economic forecasting, development studies, policy-making strategies, theories of planning, and the growth of the third world.

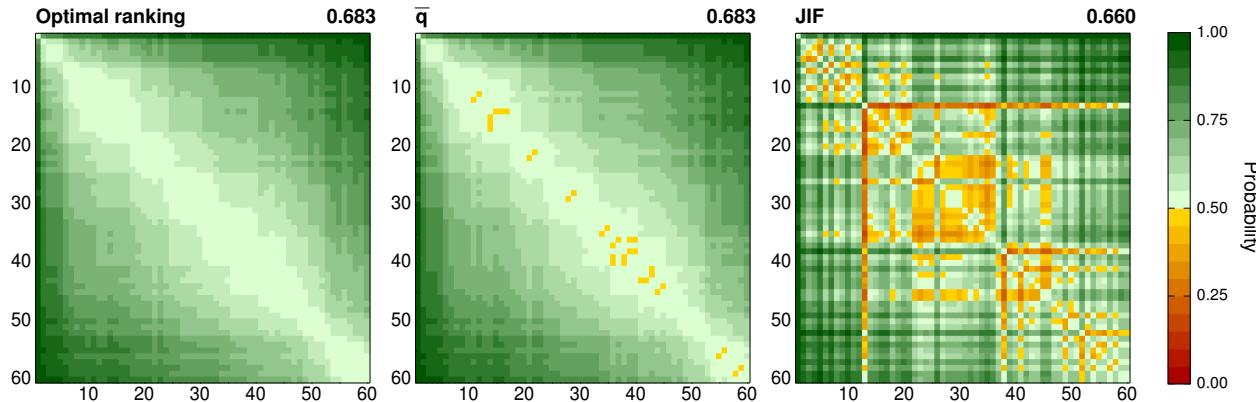


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | p _{ss} (q J) | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|-----------------------|----------|-----------|---|-------|-----------|---------------------|
| | | | | \bar{q} | σ | | | | | |
| 1 | 1 | 1 | WORLD DEV | 0.80 | 0.39 | 8.2 | 5 | 1.298 | 1981–2001 | |
| 2 | 2 | 2 | LONG RANGE PLANN | 0.52 | 0.40 | 4.0 | 2 | 0.982 | 1989–2001 | |
| 3 | 3 | 3 | FUTURES | 0.23 | 0.44 | 2.4 | 1 | 0.738 | 1967–2004 | |

PLANT SCIENCES

ISI Category Description Plant Sciences covers resources concerning many aspects of the study of plants including systematic, biochemical, agricultural, and pharmaceutical topics. This category includes materials on higher and lower plants, terrestrial and aquatic plants, plant cells, entire plants, and plant assemblages.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | PLANT CELL | 1.87 | 0.34 | 92.4 | 72 | 9.868 | 1988–1995 |
| 2 | 5 | MOL PLANT MICROBE IN | 1.52 | 0.31 | 41.0 | 34 | 3.936 | 1988–1993 |
| 3 | 2 | PLANT PHYSIOL | 1.48 | 0.35 | 38.0 | 27 | 6.125 | 1954–1995 |
| 4 | 7 | PLANT MOL BIOL | 1.47 | 0.33 | 34.9 | 26 | 3.577 | 1989–1994 |
| 5 | 10 | PLANTA | 1.43 | 0.33 | 34.0 | 24 | 2.963 | 1970–1995 |
| 6 | 4 | PLANT CELL ENVIRON | 1.35 | 0.36 | 28.5 | 19 | 4.135 | 1979–2000 |
| 7 | 12 | J PHYCOL | 1.30 | 0.35 | 26.0 | 17 | 2.580 | 1964–1997 |
| 8 | 3 | NEW PHYTOL | 1.28 | 0.38 | 25.7 | 16 | 4.245 | 1963–1995 |
| 9 | 17 | J VEG SCI | 1.28 | 0.36 | 22.4 | 16 | 2.382 | 1989–1999 |
| 10 | 20 | PHOTOSYNTH RES | 1.26 | 0.38 | 26.5 | 15 | 2.193 | 1990–1993 |
| 11 | 9 | AM J BOT | 1.25 | 0.36 | 22.9 | 15 | 2.969 | 1955–1998 |
| 12 | 11 | THEOR APPL GENET | 1.25 | 0.40 | 23.9 | 15 | 2.715 | 1985–1999 |
| 13 | 35 | PROTOPLASMA | 1.22 | 0.35 | 19.8 | 14 | 1.333 | 1971–1992 |
| 14 | 16 | PHYTOCHEMISTRY | 1.21 | 0.30 | 18.7 | 14 | 2.417 | 1981–1986 |
| 15 | 6 | J EXP BOT | 1.21 | 0.32 | 18.3 | 13 | 3.630 | 1991–1998 |
| 16 | 21 | PHYSIOL PLANTARUM | 1.21 | 0.36 | 23.8 | 13 | 2.169 | 1954–1997 |
| 17 | 26 | PLANT CELL REP | 1.21 | 0.35 | 19.1 | 13 | 1.727 | 1983–1993 |
| 18 | 8 | PLANT CELL PHYSIOL | 1.18 | 0.36 | 18.7 | 13 | 3.324 | 1958–1998 |
| 19 | 19 | PHYTOPATHOLOGY | 1.16 | 0.36 | 18.6 | 12 | 2.195 | 1956–1991 |
| 20 | 36 | PHYSIOL MOL PLANT P | 1.13 | 0.34 | 14.7 | 11 | 1.288 | 1992–2000 |
| 21 | 15 | J NAT PROD | 1.12 | 0.31 | 15.2 | 11 | 2.418 | 1978–1996 |
| 22 | 32 | PLANT SOIL | 1.12 | 0.40 | 17.1 | 11 | 1.495 | 1988–1991 |
| 23 | 34 | AQUAT BOT | 1.11 | 0.30 | 13.8 | 11 | 1.338 | 1994–1999 |
| 24 | 14 | ANN BOT-LONDON | 1.10 | 0.37 | 15.9 | 10 | 2.448 | 1970–1996 |

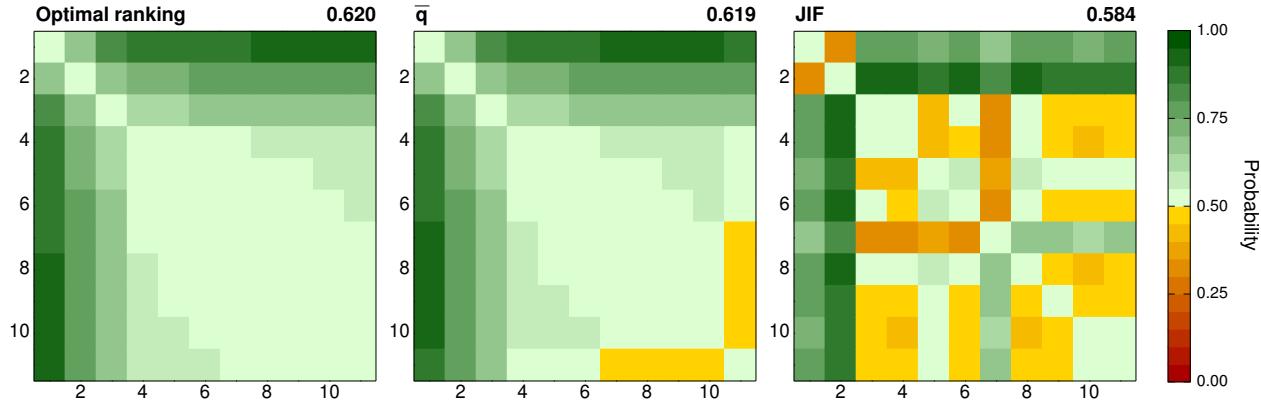
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| Rank | | | $p_{ss}(q J)$ | | n | Steady-state period | | |
|------|-----|----------------------|---------------|----------|-----------|---------------------|-------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 25 | 45 | PLANT CELL TISS ORG | 1.06 | 0.35 | 13.1 | 9 | 0.951 | 1985–1994 |
| 26 | 46 | AUST J BOT | 1.05 | 0.32 | 12.6 | 9 | 0.940 | 1992–1998 |
| 27 | 31 | J PLANT PHYSIOL | 1.04 | 0.37 | 13.2 | 9 | 1.521 | 1983–1996 |
| 28 | 33 | WEED SCI | 1.03 | 0.37 | 13.3 | 9 | 1.476 | 1967–1999 |
| 29 | 18 | PLANT PATHOL | 1.04 | 0.37 | 12.8 | 9 | 2.198 | 1981–1993 |
| 30 | 39 | CAN J BOT | 1.02 | 0.37 | 13.1 | 8 | 1.193 | 1988–1997 |
| 31 | 28 | PLANT SCI | 1.00 | 0.32 | 11.0 | 8 | 1.631 | 1993–2001 |
| 32 | 29 | J ETHNOPHARMACOL | 0.99 | 0.33 | 10.8 | 8 | 1.625 | 1978–2001 |
| 33 | 30 | INT J PLANT SCI | 0.98 | 0.32 | 10.3 | 7 | 1.622 | 1991–2001 |
| 34 | 22 | PLANT PHYSIOL BIOCH | 0.96 | 0.34 | 10.3 | 7 | 1.847 | 1990–2000 |
| 35 | 42 | BOT MAR | 0.97 | 0.34 | 9.6 | 7 | 1.009 | 1992–1996 |
| 36 | 27 | WEED RES | 0.94 | 0.37 | 12.4 | 7 | 1.705 | 1965–1998 |
| 37 | 24 | PLANT DIS | 0.93 | 0.37 | 10.4 | 7 | 1.795 | 1983–1995 |
| 38 | 40 | REV PALAEOBOT PALYNO | 0.93 | 0.36 | 10.5 | 7 | 1.170 | 1967–2001 |
| 39 | 25 | PLANTA MED | 0.94 | 0.44 | 11.0 | 7 | 1.746 | 1977–2000 |
| 40 | 37 | PLANT SYST EVOL | 0.93 | 0.43 | 10.8 | 7 | 1.239 | 1973–2000 |
| 41 | 23 | ENVIRON EXP BOT | 0.88 | 0.37 | 9.4 | 6 | 1.820 | 1975–2003 |
| 42 | 44 | PLANT BREEDING | 0.89 | 0.39 | 9.2 | 6 | 0.954 | 1985–1996 |
| 43 | 50 | BOT J LINN SOC | 0.89 | 0.43 | 10.6 | 6 | 0.805 | 1970–1998 |
| 44 | 48 | PLANT GROWTH REGUL | 0.86 | 0.35 | 9.1 | 5 | 0.903 | 1981–2000 |
| 45 | 43 | CAN J PLANT PATHOL | 0.87 | 0.41 | 9.2 | 6 | 0.971 | 1983–1996 |
| 46 | 47 | EUPHYTICA | 0.84 | 0.38 | 8.0 | 5 | 0.907 | 1984–1998 |
| 47 | 53 | WEED TECHNOL | 0.82 | 0.40 | 8.2 | 5 | 0.626 | 1986–2000 |
| 48 | 51 | PHOTOSYNTHETICA | 0.80 | 0.35 | 7.1 | 5 | 0.782 | 1979–2000 |
| 49 | 56 | J PLANT NUTR | 0.78 | 0.38 | 7.9 | 4 | 0.441 | 1978–1999 |
| 50 | 55 | CAN J PLANT SCI | 0.75 | 0.41 | 6.3 | 4 | 0.484 | 1988–1997 |
| 51 | 58 | COMMUN SOIL SCI PLAN | 0.72 | 0.41 | 8.9 | 4 | 0.302 | 1973–1995 |
| 52 | 41 | BRYOLOGIST | 0.71 | 0.40 | 6.8 | 4 | 1.010 | 1979–2001 |
| 53 | 49 | J PHYTOPATHOL | 0.65 | 0.38 | 4.8 | 3 | 0.817 | 1993–2000 |
| 54 | 54 | NOVA HEDWIGIA | 0.61 | 0.41 | 4.7 | 3 | 0.603 | 1976–1997 |
| 55 | 38 | BIOL PLANTARUM | 0.57 | 0.38 | 4.3 | 3 | 1.198 | 1960–2002 |
| 56 | 13 | TAXON | 0.58 | 0.49 | 6.4 | 2 | 2.519 | 1975–2003 |
| 57 | 57 | SEED SCI TECHNOL | 0.55 | 0.44 | 4.6 | 2 | 0.410 | 1976–1998 |
| 58 | 59 | Z PFLANZENK PFLANZEN | 0.54 | 0.43 | 4.1 | 2 | 0.239 | 1975–1999 |
| 59 | 60 | NORD J BOT | 0.55 | 0.47 | 4.3 | 2 | 0.129 | 1993–1997 |
| 60 | 52 | S AFR J BOT | 0.48 | 0.34 | 3.1 | 2 | 0.648 | 1993–1999 |

POLITICAL SCIENCE

ISI Category Description Political Science covers resources concerned with political studies, military studies, the electoral and legislative processes, political theory, history of political science, comparative studies of political systems, and the interaction of politics and other areas of science and social science.

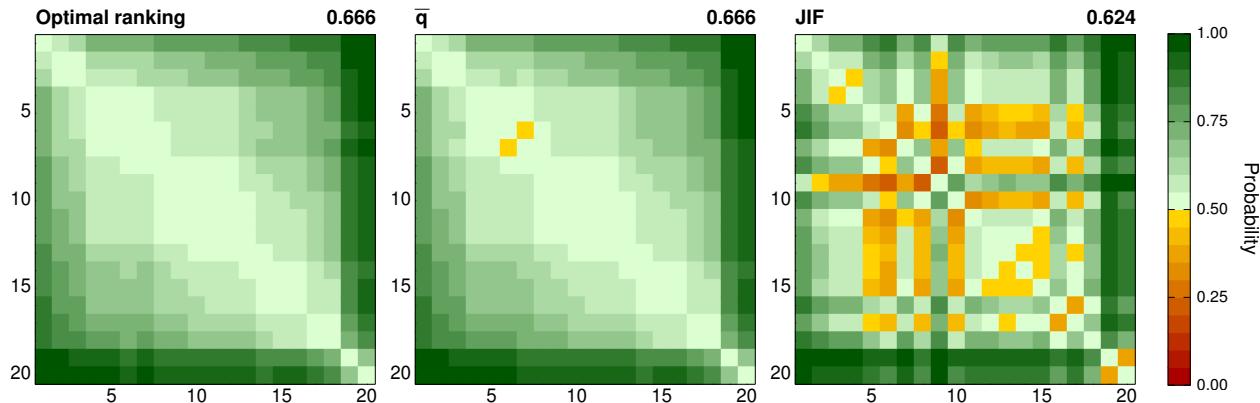


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | Rank | AUC | | \bar{q} | σ | | | | |
| 1 | 2 | 0.446 | PUBLIC CHOICE | 0.73 | 0.43 | 8.1 | 4 | 0.446 | 1968–1995 |
| 2 | 1 | 0.736 | ANN AM ACAD POLIT SS | 0.34 | 0.47 | 3.5 | 1 | 0.736 | 1964–1995 |
| 3 | 7 | 0.176 | CURR HIST | 0.01 | 0.33 | 0.7 | 0 | 0.176 | 1993–2000 |
| 4 | 5 | 0.310 | ISSUES STUD | -0.25 | 0.41 | 0.4 | 0 | 0.310 | 1967–2005 |
| 5 | 10 | 0.118 | DISSENT | -0.31 | 0.43 | 0.4 | 0 | 0.118 | 1955–2003 |
| 6 | 11 | 0.022 | PENSEE | -0.32 | 0.34 | 0.2 | 0 | 0.022 | 1966–2000 |
| 7 | 9 | 0.133 | COMMENTARY | -1.34 | 1.30 | 0.2 | 0 | 0.133 | 2000–2003 |
| 8 | 3 | 0.418 | NATION | -0.42 | 0.34 | 0.1 | 0 | 0.418 | 1978–2006 |
| 9 | 6 | 0.181 | OSTEUROPA | -0.44 | 0.36 | 0.1 | 0 | 0.181 | 1969–2005 |
| 10 | 4 | 0.363 | POLIT EKON | -0.50 | 0.35 | 0.1 | 0 | 0.363 | 1969–2005 |
| 11 | 8 | 0.148 | NEW REPUBLIC | -0.72 | 0.46 | 0.1 | 0 | 0.148 | 1967–2005 |

POLYMER SCIENCE

ISI Category Description Polymer Science includes all resources dealing with the study, production, and technology of natural or synthetic polymers. Resources on polymeric materials are also covered in this category.

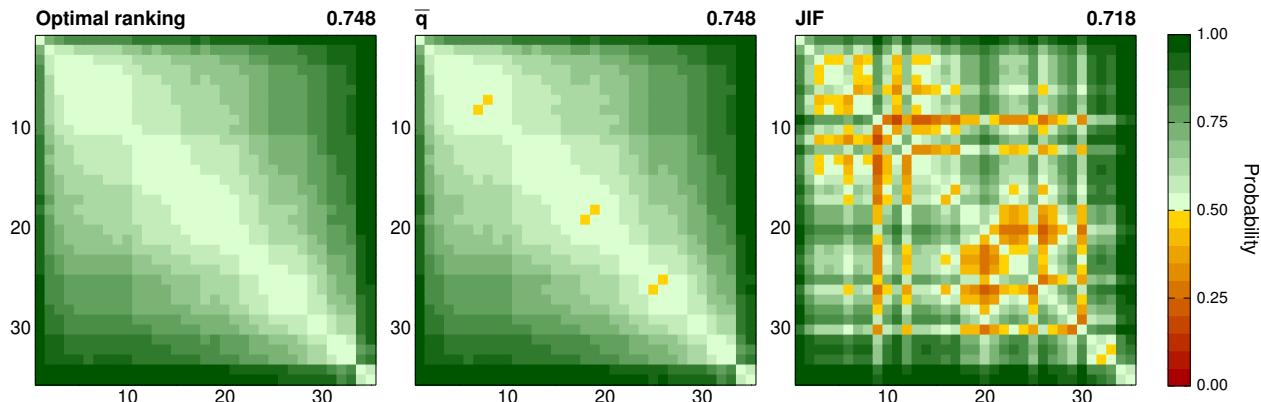


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | 1 | MACROMOLECULES | 1.45 | 0.38 | 39.8 | 24 | 4.277 | 1968–1992 |
| 2 | 9 | 9 | J POLYM SCI POL PHYS | 1.32 | 0.39 | 30.6 | 18 | 1.622 | 1971–1987 |
| 3 | 2 | 2 | J MEMBRANE SCI | 1.25 | 0.40 | 23.6 | 15 | 3.442 | 1975–1994 |
| 4 | 4 | 4 | POLYMER | 1.13 | 0.38 | 17.2 | 11 | 2.773 | 1991–1994 |
| 5 | 3 | 3 | J POLYM SCI POL CHEM | 1.11 | 0.38 | 18.5 | 10 | 3.405 | 1971–1995 |
| 6 | 11 | 11 | POLYM ENG SCI | 1.11 | 0.42 | 19.9 | 10 | 1.414 | 1968–1992 |
| 7 | 7 | 7 | CARBOHYD POLYM | 1.11 | 0.34 | 14.6 | 10 | 1.784 | 1993–2000 |
| 8 | 15 | 15 | POLYM J | 1.03 | 0.38 | 15.0 | 9 | 1.146 | 1971–1993 |
| 9 | 12 | 12 | J APPL POLYM SCI | 1.02 | 0.39 | 13.2 | 8 | 1.306 | 1988–1994 |
| 10 | 14 | 14 | POLYM COMPOSITE | 0.99 | 0.41 | 13.5 | 8 | 1.163 | 1981–1997 |
| 11 | 17 | 17 | RUBBER CHEM TECHNOL | 0.98 | 0.41 | 12.8 | 7 | 0.569 | 1976–1997 |
| 12 | 13 | 13 | COLLOID POLYM SCI | 0.97 | 0.41 | 13.3 | 7 | 1.249 | 1973–1999 |
| 13 | 5 | 5 | POLYM DEGRAD STABIL | 0.93 | 0.38 | 10.0 | 7 | 2.174 | 1984–2000 |
| 14 | 8 | 8 | SYNTHETIC MET | 0.86 | 0.43 | 10.7 | 6 | 1.685 | 1994–1997 |
| 15 | 10 | 10 | POLYM INT | 0.84 | 0.39 | 8.2 | 5 | 1.475 | 1990–2000 |
| 16 | 6 | 6 | EUR POLYM J | 0.82 | 0.36 | 7.3 | 5 | 2.113 | 1991–2000 |
| 17 | 16 | 16 | POLYM BULL | 0.73 | 0.38 | 6.6 | 4 | 0.969 | 1994–2000 |
| 18 | 18 | 18 | J REINF PLAST COMP | 0.67 | 0.42 | 5.6 | 3 | 0.427 | 1987–1997 |
| 19 | 20 | 20 | KOBUNSHI RONBUNSHU | 0.21 | 0.41 | 1.6 | 1 | 0.169 | 1993–2001 |
| 20 | 19 | 19 | MECH COMPOS MATER | -0.13 | 0.42 | 0.5 | 0 | 0.275 | 2002–2006 |

PSYCHIATRY

ISI Category Description Psychiatry covers resources on clinical, therapeutic, research, and community aspects of human mental, emotional, and behavioral disorders.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ARCH GEN PSYCHIAT | 1.97 | 0.36 | 141.5 | 94 | 13.936 | 1983–1996 |
| 2 | 2 | AM J PSYCHIAT | 1.67 | 0.43 | 62.0 | 41 | 8.250 | 1984–1999 |
| 3 | 11 | PSYCHOSOM MED | 1.54 | 0.39 | 49.8 | 31 | 3.857 | 1968–1997 |
| 4 | 7 | J AM ACAD CHILD PSY | 1.52 | 0.43 | 43.4 | 30 | 4.767 | 1987–1997 |
| 5 | 4 | J CLIN PSYCHIAT | 1.49 | 0.41 | 37.0 | 27 | 5.533 | 1989–1998 |
| 6 | 13 | PSYCHOL MED | 1.48 | 0.42 | 46.8 | 26 | 3.816 | 1970–1996 |
| 7 | 8 | J CHILD PSYCHOL PSYC | 1.45 | 0.40 | 40.1 | 25 | 4.404 | 1983–1994 |
| 8 | 5 | BRIT J PSYCHIAT | 1.46 | 0.40 | 41.3 | 25 | 5.436 | 1977–1998 |
| 9 | 14 | J NEUROL NEUROSUR PS | 1.45 | 0.40 | 40.5 | 25 | 3.630 | 1954–1995 |
| 10 | 3 | BIOL PSYCHIAT | 1.42 | 0.33 | 34.0 | 23 | 7.154 | 2000–2002 |
| 11 | 15 | PSYCHOPHARMACOLOGY | 1.36 | 0.36 | 31.1 | 20 | 3.625 | 1975–1997 |
| 12 | 17 | J AFFECT DISORDERS | 1.35 | 0.35 | 28.7 | 19 | 3.138 | 1982–1998 |
| 13 | 26 | J NERV MENT DIS | 1.35 | 0.39 | 32.0 | 19 | 1.957 | 1980–1995 |
| 14 | 10 | SCHIZOPHR RES | 1.33 | 0.37 | 25.8 | 19 | 4.264 | 1987–1999 |
| 15 | 6 | SLEEP | 1.30 | 0.37 | 26.8 | 17 | 5.126 | 1992–1999 |
| 16 | 23 | PSYCHIAT RES | 1.28 | 0.37 | 26.1 | 16 | 2.310 | 1987–1995 |
| 17 | 16 | DRUG ALCOHOL DEPEN | 1.27 | 0.36 | 21.6 | 16 | 3.213 | 1992–1999 |
| 18 | 30 | INT J EAT DISORDER | 1.24 | 0.40 | 25.8 | 15 | 1.839 | 1980–1997 |
| 19 | 24 | COMPR PSYCHIAT | 1.25 | 0.38 | 21.7 | 14 | 2.181 | 1984–1998 |
| 20 | 22 | J PSYCHOSOM RES | 1.22 | 0.40 | 24.8 | 14 | 2.322 | 1955–1999 |
| 21 | 27 | AM J ORTHOPSYCHIAT | 1.20 | 0.42 | 22.7 | 13 | 1.954 | 1974–1996 |
| 22 | 12 | ACTA PSYCHIAT SCAND | 1.16 | 0.42 | 21.1 | 12 | 3.857 | 1974–1997 |
| 23 | 18 | INT CLIN PSYCHOPHARM | 1.12 | 0.41 | 18.1 | 10 | 3.080 | 1985–2002 |
| 24 | 19 | EUR ARCH PSY CLIN N | 1.09 | 0.39 | 15.9 | 10 | 3.042 | 1983–2001 |
| 25 | 21 | NEUROPSYCHOBIOLOGY | 1.02 | 0.38 | 13.6 | 8 | 2.367 | 1976–2000 |

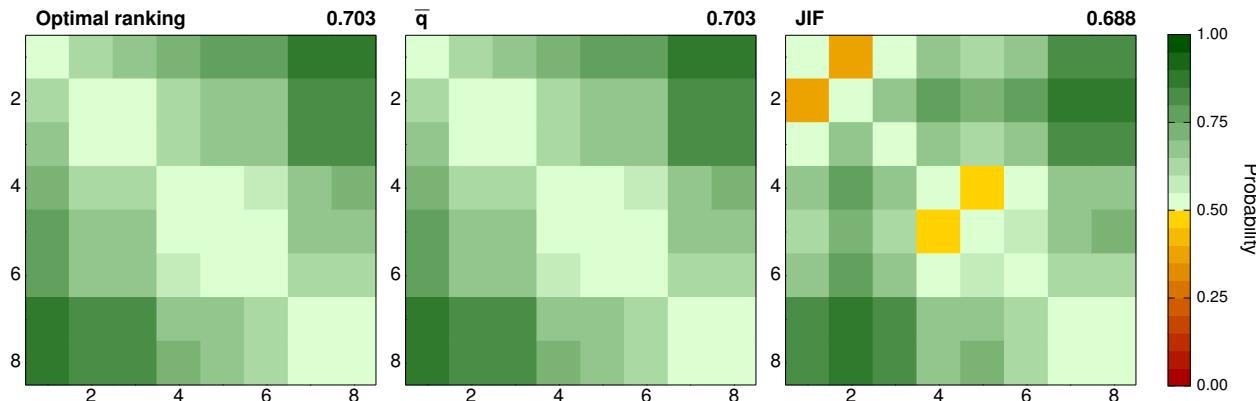
table continues on next page ...

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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 26 | 28 | INT J GERIATR PSYCH | 1.02 | 0.39 | 12.9 | 8 | 1.930 | 1986–2001 |
| 27 | 25 | PSYCHOSOMATICS | 1.00 | 0.43 | 13.3 | 8 | 2.015 | 1977–2001 |
| 28 | 9 | PSYCHOTHER PSYCHOSOM | 0.98 | 0.43 | 11.9 | 7 | 4.333 | 1979–2003 |
| 29 | 20 | CAN J PSYCHIAT | 0.88 | 0.41 | 9.7 | 6 | 2.531 | 1978–2002 |
| 30 | 29 | AUST NZ J PSYCHIAT | 0.85 | 0.40 | 9.1 | 5 | 1.900 | 1974–2001 |
| 31 | 31 | J BEHAV THER EXP PSY | 0.71 | 0.35 | 6.4 | 4 | 1.432 | 1996–2003 |
| 32 | 33 | PSYCHIAT ANN | 0.65 | 0.44 | 6.2 | 3 | 0.469 | 1982–1998 |
| 33 | 32 | NERVENARZT | 0.63 | 0.38 | 5.0 | 3 | 0.711 | 1971–2001 |
| 34 | 34 | NERVENHEILKUNDE | -0.02 | 0.44 | 1.1 | 0 | 0.396 | 1982–2003 |
| 35 | 35 | ZH NEUROPATHOL PSIKH | -0.20 | 0.39 | 0.4 | 0 | 0.129 | 1956–1995 |

PSYCHOLOGY, APPLIED

ISI Category Description Psychology, Applied covers resources on organizational psychology, including selection, training, performance, and evaluation; organizational behavior; counseling and development; as well as aviation psychology and sports psychology.

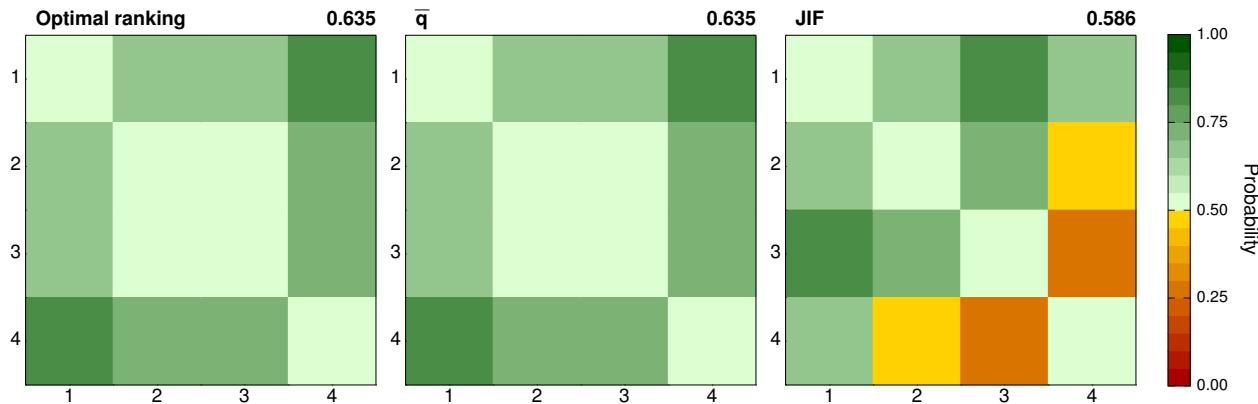


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | | |
| 1 | 2 | J APPL PSYCHOL | 1.50 | 0.40 | 44.9 | 27 | 2.851 | 1974–1997 | | |
| 2 | 1 | J COUNS PSYCHOL | 1.27 | 0.34 | 23.7 | 16 | 2.924 | 1976–1998 | | |
| 3 | 3 | J VOCAT BEHAV | 1.27 | 0.32 | 22.7 | 16 | 2.263 | 1984–1997 | | |
| 4 | 5 | HUM FACTORS | 1.08 | 0.40 | 15.6 | 10 | 0.861 | 1980–1996 | | |
| 5 | 4 | RES Q EXERCISE SPORT | 1.03 | 0.41 | 14.4 | 8 | 0.982 | 1979–1999 | | |
| 6 | 6 | ERGONOMICS | 0.96 | 0.46 | 13.1 | 7 | 0.826 | 1957–1994 | | |
| 7 | 7 | J COUNS DEV | 0.74 | 0.43 | 7.3 | 4 | 0.564 | 1984–2001 | | |
| 8 | 8 | J COLL STUDENT DEV | 0.68 | 0.42 | 6.0 | 3 | 0.537 | 1978–2000 | | |

PSYCHOLOGY, BIOLOGICAL

ISI Category Description Psychology, Biological includes resources concerned with the biological basis of psychological states and processes. Biopsychology, psychophysiology, psychopharmacology, and comparative psychology resources are covered in this category.

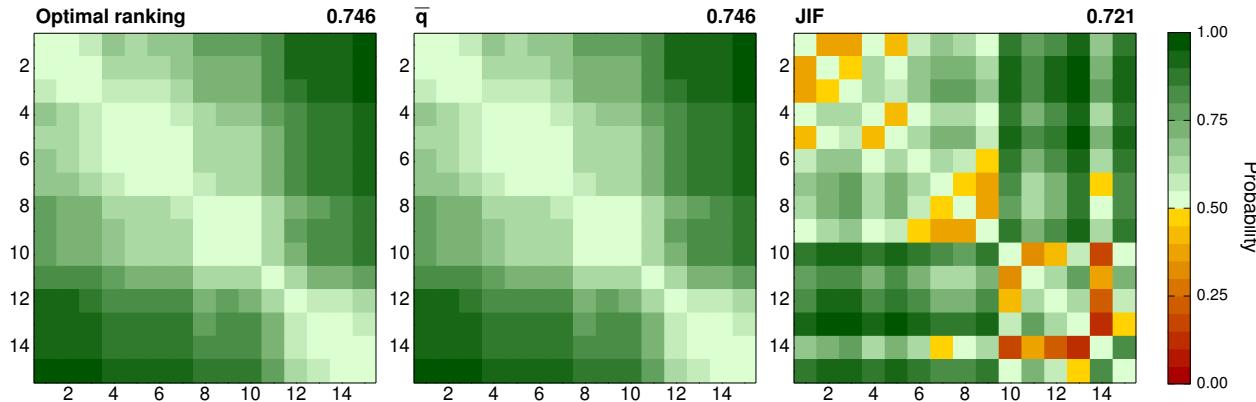


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | $p_{ss}(q J)$ | \bar{q} | σ | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|-----------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | Journal abbreviation | | | | | | | | |
| 1 | 1 | PSYCHOPHYSIOLOGY | 1.47 | 0.36 | 41.8 | 27 | 3.159 | 1985–1995 | | |
| 2 | 4 | J EXP ANAL BEHAV | 1.22 | 0.38 | 23.8 | 14 | 1.221 | 1970–1991 | | |
| 3 | 2 | PHYSIOL BEHAV | 1.20 | 0.37 | 20.5 | 13 | 2.445 | 1975–1991 | | |
| 4 | 3 | BEHAV PROCESS | 0.87 | 0.39 | 9.0 | 5 | 1.478 | 1975–2000 | | |

PSYCHOLOGY, CLINICAL

ISI Category Description Psychology, Clinical covers resources concerned with the combination of psychological therapy and clinical treatment such as behavior research and therapy, cognitive therapy, family therapy, marital and sexual therapy, psychotherapy, and rehabilitation psychology.

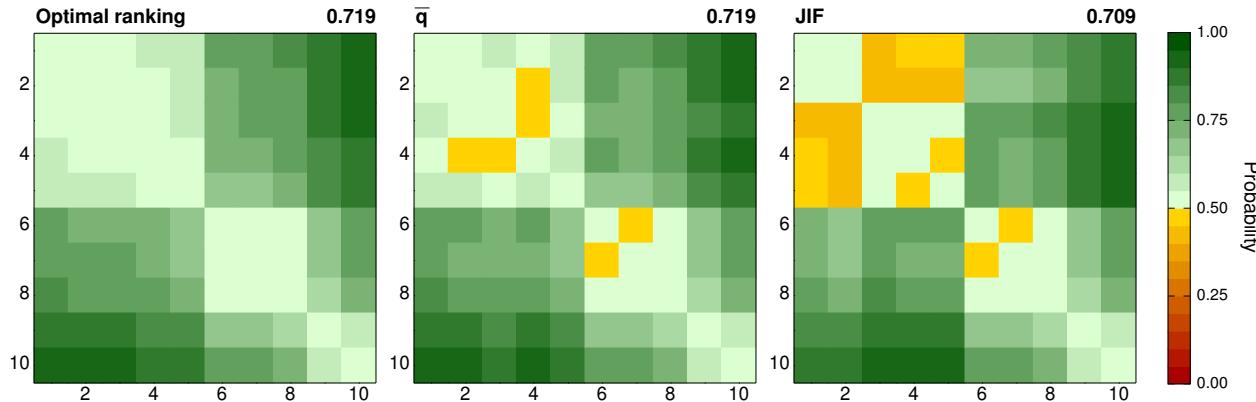


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | J CONSULT CLIN PSYCH | 1.70 | 0.42 | 68.6 | 46 | 4.026 | 1980–1995 |
| 2 | 2 | J ABNORM PSYCHOL | 1.62 | 0.38 | 61.1 | 40 | 4.372 | 1977–1997 |
| 3 | 5 | HEALTH PSYCHOL | 1.56 | 0.34 | 49.6 | 34 | 3.693 | 1983–1996 |
| 4 | 1 | J CLIN PSYCHIAT | 1.49 | 0.41 | 37.0 | 27 | 5.533 | 1989–1998 |
| 5 | 4 | PSYCHOL MED | 1.48 | 0.42 | 46.8 | 26 | 3.816 | 1970–1996 |
| 6 | 9 | J CLIN EXP NEUROPSYC | 1.42 | 0.36 | 37.2 | 23 | 1.590 | 1984–1993 |
| 7 | 6 | BEHAV RES THER | 1.39 | 0.39 | 35.8 | 22 | 2.887 | 1962–1996 |
| 8 | 8 | INT J EAT DISORDER | 1.24 | 0.40 | 25.8 | 15 | 1.839 | 1980–1997 |
| 9 | 14 | J APPL BEHAV ANAL | 1.24 | 0.37 | 22.5 | 15 | 0.491 | 1983–1997 |
| 10 | 7 | ADDICT BEHAV | 1.22 | 0.36 | 24.0 | 14 | 1.849 | 1974–1998 |
| 11 | 11 | J PERS ASSESS | 1.06 | 0.40 | 17.1 | 9 | 1.175 | 1984–1997 |
| 12 | 12 | J CLIN PSYCHOL | 0.81 | 0.40 | 9.1 | 5 | 1.048 | 1955–2000 |
| 13 | 10 | J BEHAV THER EXP PSY | 0.71 | 0.35 | 6.4 | 4 | 1.432 | 1996–2003 |
| 14 | 15 | AM BEHAV SCI | 0.64 | 0.45 | 6.5 | 3 | 0.466 | 1965–2001 |
| 15 | 13 | PSYCHOTHER PSYCH MED | 0.56 | 0.40 | 4.4 | 2 | 1.043 | 1982–2002 |

PSYCHOLOGY, DEVELOPMENTAL

ISI Category Description Psychology, Developmental covers resources concerned with the study of developmental changes in social and cognitive abilities. Key areas include adult development and aging, child and adolescent psychology, cognitive, perceptual, motor and language development as well as psychosocial and personality development.

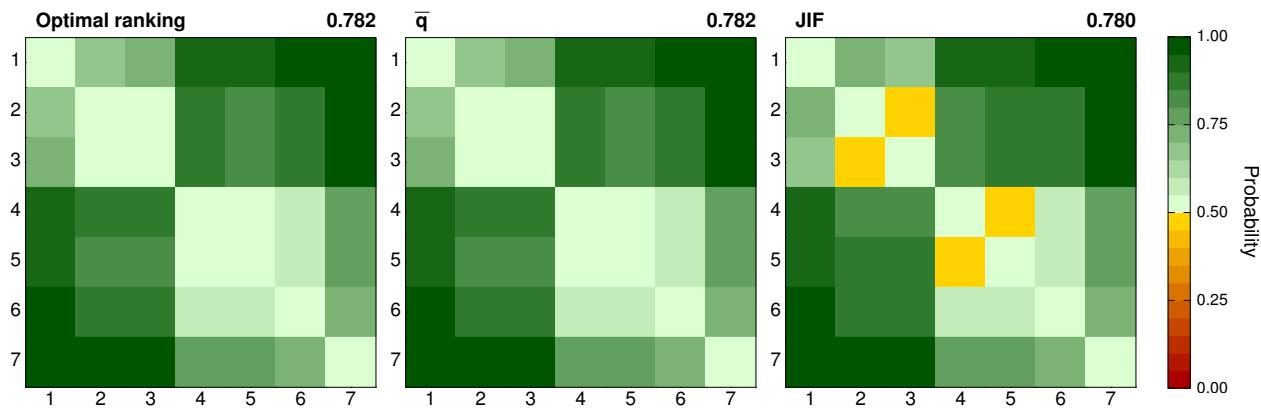


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 3 | CHILD DEV | 1.60 | 0.37 | 54.4 | 35 | 3.893 | 1984–1995 | |
| 2 | 5 | PSYCHOL AGING | 1.52 | 0.34 | 42.1 | 30 | 2.828 | 1986–1994 | |
| 3 | 4 | DEV PSYCHOL | 1.53 | 0.35 | 45.8 | 30 | 3.556 | 1985–1994 | |
| 4 | 1 | J AM ACAD CHILD PSY | 1.52 | 0.43 | 43.4 | 30 | 4.767 | 1987–1997 | |
| 5 | 2 | J CHILD PSYCHOL PSYC | 1.45 | 0.40 | 40.1 | 25 | 4.404 | 1983–1994 | |
| 6 | 7 | J EXP CHILD PSYCHOL | 1.15 | 0.39 | 20.0 | 12 | 2.062 | 1963–1999 | |
| 7 | 6 | J ADOLESCENT HEALTH | 1.17 | 0.39 | 16.4 | 12 | 2.710 | 1993–1999 | |
| 8 | 8 | SEX ROLES | 1.08 | 0.38 | 15.4 | 10 | 0.942 | 1974–1992 | |
| 9 | 9 | ADOLESCENCE | 0.85 | 0.42 | 8.6 | 5 | 0.768 | 1984–1995 | |
| 10 | 10 | J GENET PSYCHOL | 0.66 | 0.40 | 5.9 | 3 | 0.731 | 1969–1998 | |

PSYCHOLOGY, EDUCATIONAL

ISI Category Description Psychology, Educational includes resources on educational psychology, educational measurement, creative behavior, instructional science, reading research, and school psychology.

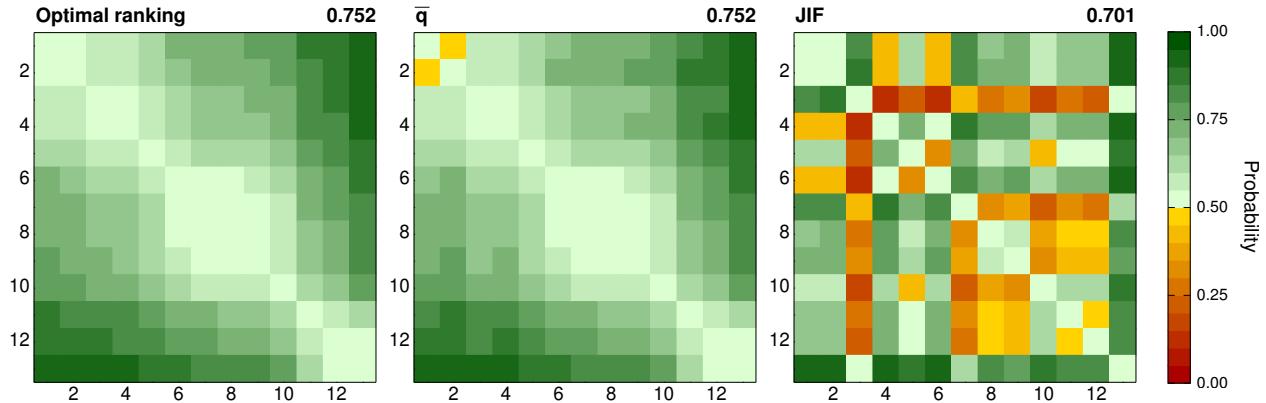


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|-------------------|----------------------|---------------|----------|-----------|----|-------|---------------------|
| | JIF | Optimal ranking | | \bar{q} | σ | | | | |
| 1 | 1 | CHILD DEV | | 1.60 | 0.37 | 54.4 | 35 | 3.893 | 1984–1995 |
| 2 | 3 | J EDUC PSYCHOL | | 1.31 | 0.40 | 30.9 | 18 | 2.025 | 1978–1997 |
| 3 | 2 | J COUNS PSYCHOL | | 1.27 | 0.34 | 23.7 | 16 | 2.924 | 1976–1998 |
| 4 | 5 | PSYCHOL SCHOOLS | | 0.62 | 0.40 | 4.8 | 3 | 0.538 | 1963–2002 |
| 5 | 4 | EDUC PSYCHOL MEAS | | 0.61 | 0.44 | 6.6 | 3 | 0.921 | 1964–2000 |
| 6 | 6 | J EXP EDUC | | 0.45 | 0.44 | 3.8 | 2 | 0.484 | 1956–2002 |
| 7 | 7 | VOP PSIKHOL+ | | -0.02 | 0.45 | 0.9 | 0 | 0.268 | 1965–2005 |

PSYCHOLOGY, EXPERIMENTAL

ISI Category Description Psychology, Experimental covers resources concerned with consciousness; cognition and memory; visual, auditory, and speech perception; and ecological psychology.

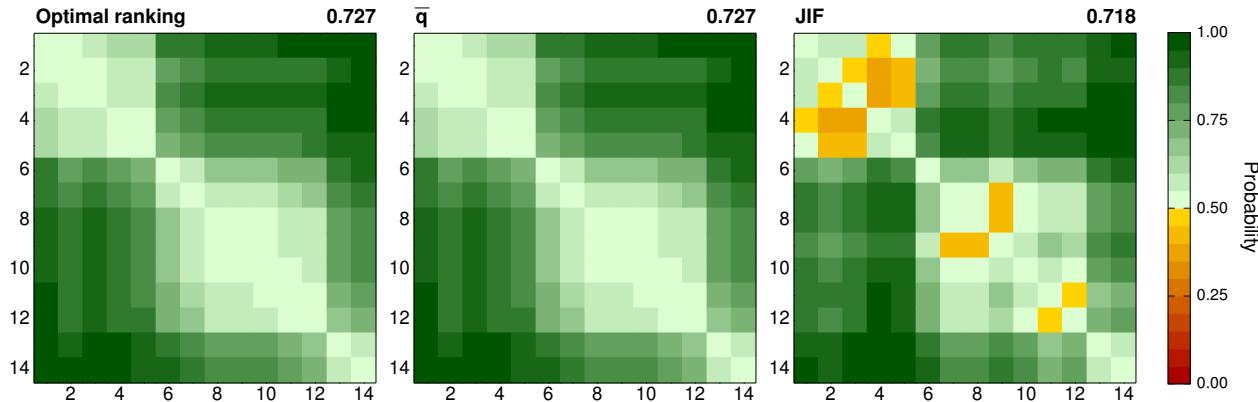


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 4 | J EXP PSYCHOL LEARN | 1.55 | 0.35 | 47.5 | 34 | 2.601 | 1992–1995 | |
| 2 | 6 | J EXP PSYCHOL HUMAN | 1.56 | 0.38 | 52.1 | 32 | 2.261 | 1974–1995 | |
| 3 | 2 | PSYCHOPHYSIOLOGY | 1.47 | 0.36 | 41.8 | 27 | 3.159 | 1985–1995 | |
| 4 | 1 | NEUROPSYCHOLOGIA | 1.48 | 0.41 | 48.6 | 27 | 3.924 | 1964–1995 | |
| 5 | 10 | MEM COGNITION | 1.38 | 0.40 | 34.0 | 21 | 1.512 | 1977–1997 | |
| 6 | 5 | BRAIN LANG | 1.25 | 0.33 | 22.9 | 16 | 2.317 | 1992–1997 | |
| 7 | 12 | J EXP ANAL BEHAV | 1.22 | 0.38 | 23.8 | 14 | 1.221 | 1970–1991 | |
| 8 | 11 | PERCEPT PSYCHOPHYS | 1.20 | 0.41 | 23.5 | 13 | 1.482 | 1965–1996 | |
| 9 | 8 | J EXP CHILD PSYCHOL | 1.15 | 0.39 | 20.0 | 12 | 2.062 | 1963–1999 | |
| 10 | 9 | PERCEPTION | 1.07 | 0.45 | 17.7 | 9 | 1.585 | 1973–1995 | |
| 11 | 7 | ACTA PSYCHOL | 0.84 | 0.55 | 13.2 | 5 | 2.094 | 1955–2001 | |
| 12 | 3 | BRAIN COGNITION | 0.73 | 0.61 | 9.1 | 3 | 2.858 | 1995–1999 | |
| 13 | 13 | PERCEPT MOTOR SKILL | 0.54 | 0.42 | 4.5 | 2 | 0.333 | 1970–1995 | |

PSYCHOLOGY, MULTIDISCIPLINARY

ISI Category Description Psychology, Multidisciplinary covers resources with a general or interdisciplinary approach to the field. Resources on philosophical psychology, psychobiology, and the history of psychology are included in this category.

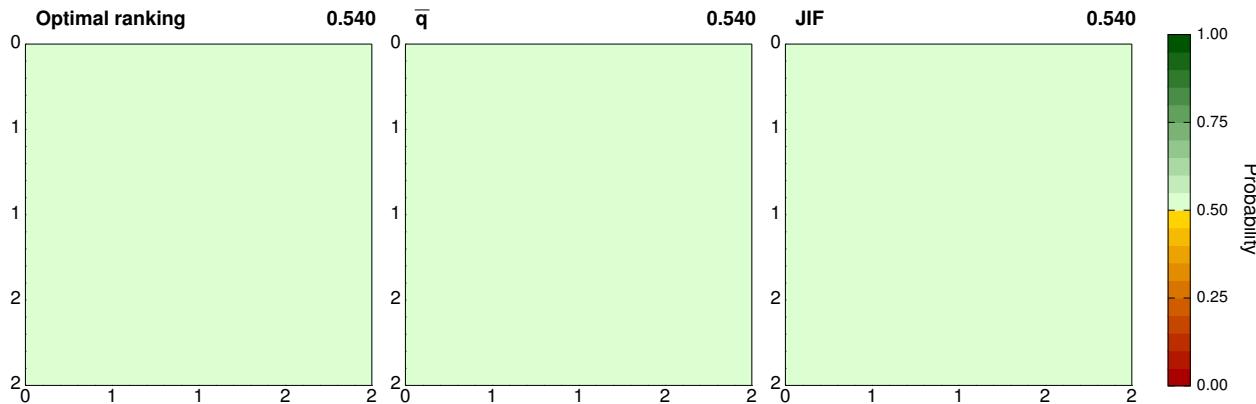


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----------|----|--------|-----|---------------------|
| | | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 4 | J ABNORM PSYCHOL | 1.62 | 0.38 | 61.1 | 40 | 4.372 | | 1977–1997 |
| 2 | 1 | PSYCHOL BULL | 1.56 | 0.53 | 79.9 | 32 | 12.725 | | 1954–1999 |
| 3 | 5 | PSYCHOSOM MED | 1.54 | 0.39 | 49.8 | 31 | 3.857 | | 1968–1997 |
| 4 | 3 | PSYCHOL SCI | 1.43 | 0.43 | 38.1 | 26 | 4.571 | | 1989–1998 |
| 5 | 2 | AM PSYCHOL | 1.39 | 0.52 | 54.3 | 21 | 7.829 | | 1972–1998 |
| 6 | 6 | PROF PSYCHOL-RES PR | 0.94 | 0.39 | 11.3 | 7 | 1.083 | | 1982–1998 |
| 7 | 9 | AM J PSYCHOL | 0.83 | 0.45 | 10.5 | 5 | 0.698 | | 1964–2000 |
| 8 | 7 | PSYCHOL REC | 0.68 | 0.41 | 6.5 | 3 | 0.937 | | 1956–2002 |
| 9 | 8 | J GENET PSYCHOL | 0.66 | 0.40 | 5.9 | 3 | 0.731 | | 1969–1998 |
| 10 | 10 | J PSYCHOL | 0.64 | 0.40 | 5.8 | 3 | 0.589 | | 1964–1999 |
| 11 | 12 | PSYCHOL REP | 0.56 | 0.41 | 4.8 | 2 | 0.364 | | 1972–1995 |
| 12 | 11 | J GEN PSYCHOL | 0.51 | 0.42 | 4.6 | 2 | 0.577 | | 1956–2003 |
| 13 | 13 | CESK PSYCHOL | 0.16 | 0.45 | 1.3 | 1 | 0.279 | | 1993–1999 |
| 14 | 14 | PSIKHOL ZH | -0.01 | 0.39 | 0.8 | 0 | 0.202 | | 1982–2001 |

PSYCHOLOGY, PSYCHOANALYSIS

ISI Category Description Psychology, Psychoanalysis includes resources concerned with psychoanalysis as a form of diagnosis and treatment that emphasizes the gradual integration of repressed memories into the total structure of the personality.

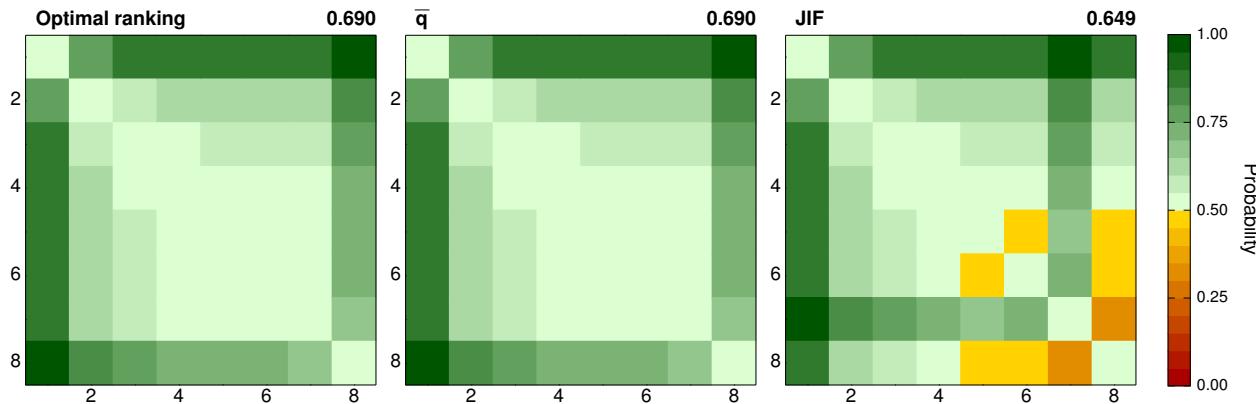


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | PSYCHOTHER PSYCHOSOM | 0.98 | 0.43 | 11.9 | 7 | 4.333 | 1979–2003 | |
| 2 | 2 | INT J PSYCHOANAL | 0.90 | 0.45 | 13.2 | 6 | 0.976 | 1955–1998 | |

PSYCHOLOGY, SOCIAL

ISI Category Description Psychology, Social covers resources on the behavior of the individual in a social context. Areas included are group processes, interpersonal processes, intercultural relations, personality, social roles, persuasion, compliance, conformity, sex roles, and sexual orientation.

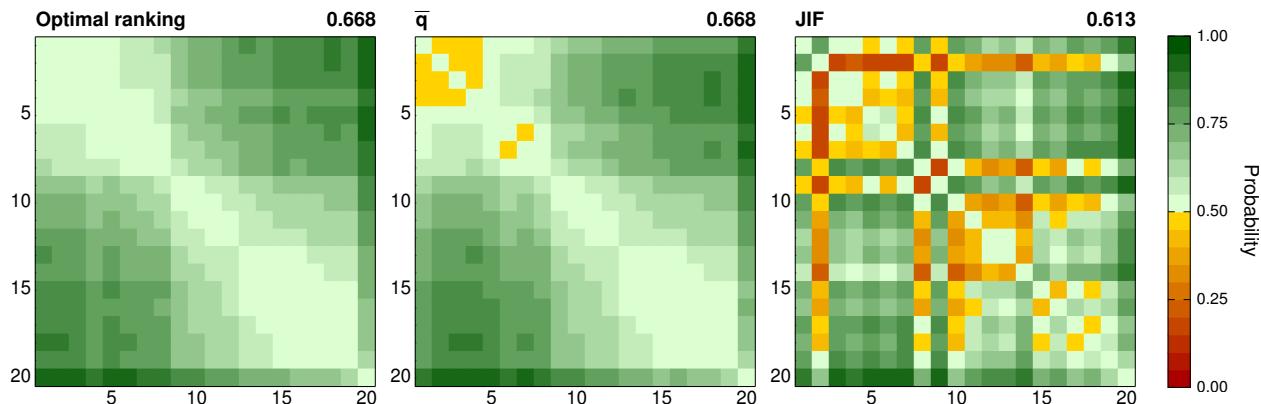


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | 1.71 | J PERS SOC PSYCHOL | 0.33 | 69.3 | 48 | 4.223 | 1990–1995 | |
| 2 | 2 | 1.29 | PERS SOC PSYCHOL B | 0.38 | 25.0 | 16 | 2.419 | 1983–1998 | |
| 3 | 3 | 1.14 | CHILD ABUSE NEGLECT | 0.31 | 18.3 | 12 | 1.623 | 1994–1996 | |
| 4 | 4 | 1.11 | PERS INDIV DIFFER | 0.38 | 17.5 | 10 | 1.423 | 1979–1995 | |
| 5 | 8 | 1.09 | J APPL SOC PSYCHOL | 0.40 | 17.2 | 10 | 0.566 | 1970–1996 | |
| 6 | 6 | 1.08 | SEX ROLES | 0.38 | 15.4 | 10 | 0.942 | 1974–1992 | |
| 7 | 5 | 1.06 | J PERS ASSESS | 0.40 | 17.1 | 9 | 1.175 | 1984–1997 | |
| 8 | 7 | 0.75 | J SOC PSYCHOL | 0.40 | 7.1 | 4 | 0.655 | 1955–1996 | |

PSYCHOLOGY

ISI Category Description Psychology is concerned with resources on the study of human behavior and mental processes. This category covers the biological and neurological underpinnings of perception, thought, and behavior; psychological development and change over the life span; in addition to emotional and mental disturbances and diseases and their treatment. Resources that report on animal behavior to illuminate human behavior and mental processes are also covered.

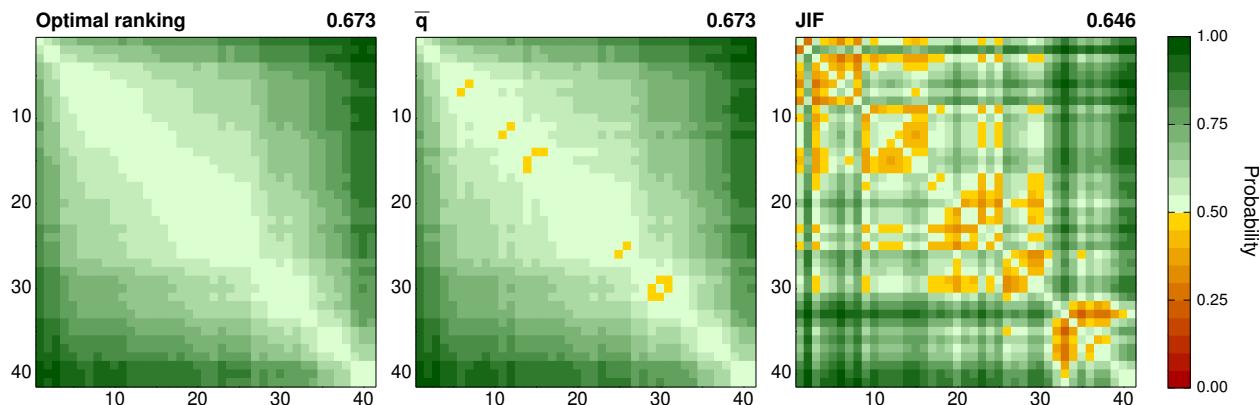


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|------|----|--------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 7 | J EXP PSYCHOL LEARN | 1.55 | 0.35 | 47.5 | 34 | 2.601 | 1992–1995 |
| 2 | 5 | HEALTH PSYCHOL | 1.56 | 0.34 | 49.6 | 34 | 3.693 | 1983–1996 |
| 3 | 9 | J EXP PSYCHOL HUMAN | 1.56 | 0.38 | 52.1 | 32 | 2.261 | 1974–1995 |
| 4 | 1 | PSYCHOL BULL | 1.56 | 0.53 | 79.9 | 32 | 12.725 | 1954–1999 |
| 5 | 3 | PSYCHOSOM MED | 1.54 | 0.39 | 49.8 | 31 | 3.857 | 1968–1997 |
| 6 | 6 | PSYCHOPHYSIOLOGY | 1.47 | 0.36 | 41.8 | 27 | 3.159 | 1985–1995 |
| 7 | 4 | PSYCHOL MED | 1.48 | 0.42 | 46.8 | 26 | 3.816 | 1970–1996 |
| 8 | 14 | J CLIN EXP NEUROPSYC | 1.42 | 0.36 | 37.2 | 23 | 1.590 | 1984–1993 |
| 9 | 12 | J STUD ALCOHOL | 1.31 | 0.42 | 27.4 | 17 | 1.884 | 1974–1998 |
| 10 | 13 | INT J EAT DISORDER | 1.24 | 0.40 | 25.8 | 15 | 1.839 | 1980–1997 |
| 11 | 16 | PERCEPT PSYCHOPHYS | 1.20 | 0.41 | 23.5 | 13 | 1.482 | 1965–1996 |
| 12 | 11 | DEV PSYCHOBIOLOG | 1.17 | 0.37 | 18.6 | 12 | 1.946 | 1971–1997 |
| 13 | 18 | HUM FACTORS | 1.08 | 0.40 | 15.6 | 10 | 0.861 | 1980–1996 |
| 14 | 15 | PERCEPTION | 1.07 | 0.45 | 17.7 | 9 | 1.585 | 1973–1995 |
| 15 | 8 | NEUROPSYCHOBIOLOGY | 1.02 | 0.38 | 13.6 | 8 | 2.367 | 1976–2000 |
| 16 | 17 | RES Q EXERCISE SPORT | 1.03 | 0.41 | 14.4 | 8 | 0.982 | 1979–1999 |
| 17 | 10 | PSYCHOSOMATICS | 1.00 | 0.43 | 13.3 | 8 | 2.015 | 1977–2001 |
| 18 | 2 | PSYCHOTHER PSYCHOSOM | 0.98 | 0.43 | 11.9 | 7 | 4.333 | 1979–2003 |
| 19 | 19 | ERGONOMICS | 0.96 | 0.46 | 13.1 | 7 | 0.826 | 1957–1994 |
| 20 | 20 | J GENET PSYCHOL | 0.66 | 0.40 | 5.9 | 3 | 0.731 | 1969–1998 |

PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH

ISI Category Description Public, Environmental & Occupational Health covers resources dealing with epidemiology, hygiene, and health; parasitic diseases and parasitology; tropical medicine; industrial medicine; occupational medicine; infection control; and preventive medicine. Also included are resources on environmental health; cancer causes and control; aviation, aerosol, and wilderness medicine.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | AM J EPIDEMIOL | 1.61 | 0.41 | 57.6 | 36 | 5.241 | 1976–1995 |
| 2 | 8 | AM J PUBLIC HEALTH | 1.51 | 0.42 | 44.9 | 28 | 3.698 | 1986–1996 |
| 3 | 6 | CANCER EPIDEM BIOMAR | 1.46 | 0.35 | 32.9 | 25 | 4.289 | 1991–2000 |
| 4 | 5 | EPIDEMIOLOGY | 1.33 | 0.39 | 27.8 | 18 | 4.339 | 1990–2001 |
| 5 | 15 | J CLIN EPIDEMIOL | 1.33 | 0.44 | 32.7 | 18 | 2.440 | 1987–1998 |
| 6 | 7 | MED CARE | 1.28 | 0.40 | 28.6 | 16 | 3.745 | 1994–2000 |
| 7 | 16 | PREV MED | 1.28 | 0.45 | 26.2 | 16 | 2.390 | 1979–1998 |
| 8 | 14 | AM J TROP MED HYG | 1.25 | 0.37 | 22.2 | 15 | 2.546 | 1964–1996 |
| 9 | 10 | J EPIDEMIOL COMMUN H | 1.25 | 0.39 | 23.5 | 15 | 2.805 | 1977–1996 |
| 10 | 4 | INT J EPIDEMIOL | 1.25 | 0.40 | 23.3 | 15 | 4.517 | 1973–1998 |
| 11 | 23 | EPIDEMIOL INFECT | 1.20 | 0.34 | 20.1 | 13 | 1.809 | 1988–1997 |
| 12 | 25 | SCAND J WORK ENV HEA | 1.21 | 0.41 | 20.0 | 13 | 1.735 | 1976–1998 |
| 13 | 1 | ENVIRON HEALTH PERSP | 1.19 | 0.45 | 23.1 | 13 | 5.861 | 1985–2001 |
| 14 | 11 | SOC SCI MED | 1.17 | 0.39 | 20.7 | 12 | 2.749 | 1989–1999 |
| 15 | 13 | ENVIRON RES | 1.15 | 0.40 | 19.4 | 12 | 2.556 | 1966–1998 |
| 16 | 12 | J ADOLESCENT HEALTH | 1.17 | 0.39 | 16.4 | 12 | 2.710 | 1993–1999 |
| 17 | 29 | INT ARCH OCC ENV HEA | 1.13 | 0.38 | 16.3 | 11 | 1.520 | 1975–1995 |
| 18 | 30 | AM J IND MED | 1.12 | 0.36 | 15.1 | 11 | 1.433 | 1991–1998 |
| 19 | 18 | T ROY SOC TROP MED H | 1.10 | 0.40 | 17.0 | 10 | 2.030 | 1964–1998 |
| 20 | 9 | AM J PREV MED | 1.09 | 0.41 | 16.4 | 10 | 3.497 | 1986–2002 |
| 21 | 17 | INFECT CONT HOSP EP | 1.08 | 0.45 | 17.6 | 10 | 2.236 | 1979–2000 |
| 22 | 3 | B WORLD HEALTH ORGAN | 1.08 | 0.49 | 19.5 | 10 | 5.029 | 1960–1997 |
| 23 | 21 | COMMUNITY DENT ORAL | 1.06 | 0.35 | 13.3 | 9 | 1.870 | 1975–1999 |

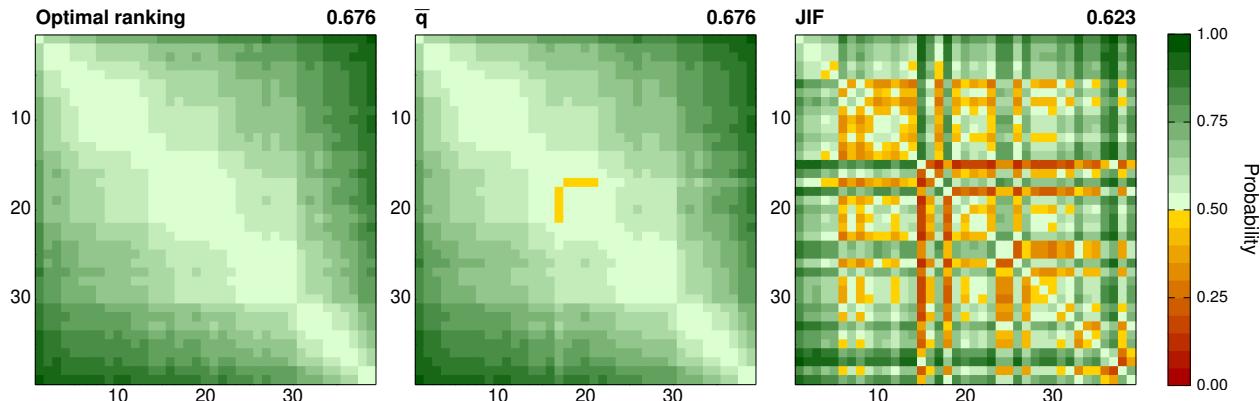
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 24 | 24 | STAT MED | 1.04 | 0.40 | 16.9 | 9 | 1.737 | 1994–1997 |
| 25 | 22 | J TOXICOL ENV HEALTH | 1.03 | 0.38 | 14.6 | 8 | 1.811 | 1994–1996 |
| 26 | 19 | J OCCUP ENVIRON MED | 1.04 | 0.40 | 14.4 | 9 | 1.942 | 1987–1998 |
| 27 | 28 | PUBLIC HEALTH REP | 1.00 | 0.51 | 14.4 | 7 | 1.523 | 1987–1994 |
| 28 | 27 | ACCIDENT ANAL PREV | 0.95 | 0.38 | 11.2 | 7 | 1.587 | 1974–2001 |
| 29 | 20 | ANN OCCUP HYG | 0.89 | 0.40 | 10.4 | 6 | 1.919 | 1977–2001 |
| 30 | 31 | ANN TROP MED PARASIT | 0.89 | 0.38 | 9.1 | 6 | 1.191 | 1987–2000 |
| 31 | 35 | HEALTH PHYS | 0.89 | 0.43 | 10.5 | 6 | 0.902 | 1964–1994 |
| 32 | 26 | EUR J EPIDEMIOL | 0.88 | 0.38 | 8.8 | 6 | 1.605 | 1986–2000 |
| 33 | 37 | AVIAT SPACE ENVIR MD | 0.83 | 0.43 | 9.1 | 5 | 0.830 | 1974–1996 |
| 34 | 38 | J ENVIRON SCI HEAL B | 0.78 | 0.38 | 7.2 | 4 | 0.604 | 1975–1999 |
| 35 | 36 | J SCHOOL HEALTH | 0.71 | 0.50 | 7.8 | 4 | 0.856 | 1983–1999 |
| 36 | 34 | PUBLIC HEALTH | 0.66 | 0.40 | 5.7 | 3 | 0.926 | 1987–2000 |
| 37 | 32 | CAN J PUBLIC HEALTH | 0.62 | 0.46 | 5.5 | 3 | 1.157 | 1972–2001 |
| 38 | 39 | RADIAT PROT DOSIM | 0.57 | 0.43 | 4.6 | 2 | 0.446 | 1983–1999 |
| 39 | 40 | REV SAUDE PUBL | 0.40 | 0.40 | 2.7 | 1 | 0.343 | 1981–2001 |
| 40 | 41 | TROP DOCT | 0.32 | 0.42 | 2.2 | 1 | 0.291 | 1977–2000 |
| 41 | 33 | SOZ PRAVENTIV MED | 0.33 | 0.44 | 2.7 | 1 | 1.013 | 1987–2002 |

RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING

ISI Category Description Radiology, Nuclear Medicine & Medical Imaging covers resources on radiation research in biology and biophysics. Resources in this category focus on interventional radiology, investigative radiology, neuroradiology, radiotherapy, and oncology. Nuclear Medicine resources are concerned with the diagnostic, therapeutic, and investigative use of radionuclides. Medical Imaging resources are concerned with computerized medical imaging and graphics.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | RADIOLOGY | 1.54 | 0.42 | 45.9 | 31 | 5.251 | 1986–1995 |
| 2 | 2 | J NUCL MED | 1.36 | 0.43 | 34.5 | 20 | 4.986 | 1977–1995 |
| 3 | 3 | INT J RADIAT ONCOL | 1.37 | 0.41 | 31.2 | 20 | 4.463 | 1982–1995 |
| 4 | 17 | AM J ROENTGENOL | 1.31 | 0.43 | 27.5 | 18 | 2.117 | 1975–1992 |
| 5 | 5 | IEEE T MED IMAGING | 1.25 | 0.40 | 27.5 | 15 | 3.757 | 1985–1999 |
| 6 | 14 | AM J NEURORADIOS | 1.23 | 0.39 | 22.3 | 14 | 2.279 | 1979–2000 |
| 7 | 4 | RADIOTHER ONCOL | 1.22 | 0.38 | 22.5 | 14 | 3.970 | 1983–2000 |
| 8 | 23 | J COMPUT ASSIST TOMO | 1.19 | 0.37 | 22.6 | 13 | 1.530 | 1981–1995 |
| 9 | 10 | RADIAT RES | 1.17 | 0.40 | 21.8 | 12 | 2.602 | 1954–1998 |
| 10 | 13 | ULTRASOUND OBST GYN | 1.15 | 0.35 | 18.5 | 12 | 2.288 | 1995–1997 |
| 11 | 26 | INT J RADIAT BIOL | 1.16 | 0.38 | 20.4 | 12 | 1.312 | 1972–1999 |
| 12 | 19 | ULTRASOUND MED BIOL | 1.15 | 0.41 | 19.6 | 12 | 2.011 | 1979–1998 |
| 13 | 11 | RADIOL CLIN N AM | 1.14 | 0.38 | 17.3 | 11 | 2.533 | 1964–2000 |
| 14 | 7 | MED PHYS | 1.09 | 0.44 | 18.6 | 9 | 3.571 | 1979–1998 |
| 15 | 21 | NEURORADIOLOGY | 1.08 | 0.41 | 15.8 | 10 | 1.625 | 1971–1994 |
| 16 | 30 | SKELETAL RADIOS | 1.07 | 0.35 | 12.2 | 9 | 1.176 | 1991–1995 |
| 17 | 9 | PHYS MED BIOL | 1.04 | 0.41 | 16.1 | 9 | 2.873 | 1955–2000 |
| 18 | 22 | MAGN RESON IMAGING | 1.04 | 0.39 | 14.6 | 9 | 1.580 | 1987–2000 |
| 19 | 29 | J ULTRAS MED | 1.04 | 0.36 | 13.2 | 9 | 1.189 | 1981–1995 |
| 20 | 28 | BRIT J RADIOS | 1.02 | 0.43 | 15.8 | 8 | 1.279 | 1954–1994 |
| 21 | 12 | RADIOGRAPHICS | 1.06 | 0.52 | 14.1 | 9 | 2.344 | 1989–2000 |
| 22 | 32 | PEDIATR RADIOS | 0.99 | 0.34 | 11.1 | 8 | 1.076 | 1972–1994 |

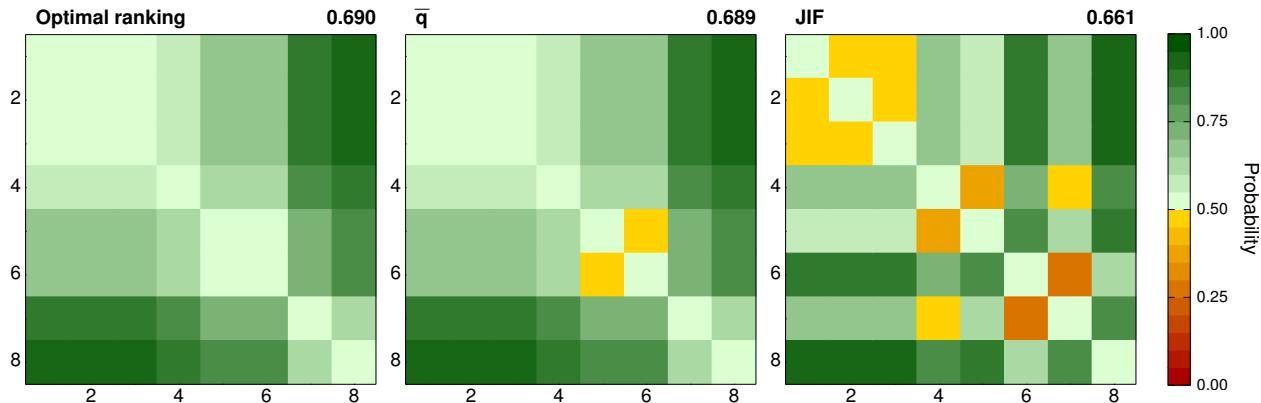
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 23 | 20 | CLIN RADIOL | 0.97 | 0.38 | 11.4 | 7 | 1.665 | 1973–1997 |
| 24 | 38 | J CLIN ULTRASOUND | 0.92 | 0.36 | 10.5 | 6 | 0.573 | 1983–1996 |
| 25 | 35 | ACTA RADIOL | 0.92 | 0.38 | 9.5 | 7 | 0.884 | 1962–1999 |
| 26 | 8 | INVEST RADIOL | 0.91 | 0.42 | 11.0 | 6 | 3.398 | 1987–2003 |
| 27 | 6 | STRAHLENTHER ONKOL | 0.91 | 0.32 | 8.1 | 6 | 3.682 | 2000–2004 |
| 28 | 16 | NUCL MED BIOL | 0.90 | 0.41 | 10.3 | 6 | 2.121 | 1985–2003 |
| 29 | 31 | CARDIOVASC INTER RAD | 0.89 | 0.39 | 10.0 | 6 | 1.149 | 1979–2000 |
| 30 | 34 | HEALTH PHYS | 0.89 | 0.43 | 10.5 | 6 | 0.902 | 1964–1994 |
| 31 | 27 | NUCL MED COMMUN | 0.76 | 0.40 | 7.8 | 4 | 1.283 | 1982–2002 |
| 32 | 24 | EUR J RADIOL | 0.72 | 0.38 | 6.4 | 4 | 1.332 | 1981–2003 |
| 33 | 25 | ULTRASONICS | 0.71 | 0.42 | 7.6 | 4 | 1.322 | 1965–2001 |
| 34 | 33 | APPL RADIAT ISOTOPES | 0.65 | 0.40 | 5.0 | 3 | 0.924 | 1993–2000 |
| 35 | 18 | ULTRASCHALL MED | 0.62 | 0.37 | 4.5 | 3 | 2.103 | 1982–2003 |
| 36 | 39 | RADIAT PROT DOSIM | 0.57 | 0.43 | 4.6 | 2 | 0.446 | 1983–1999 |
| 37 | 36 | RADIOLOGE | 0.52 | 0.39 | 3.7 | 2 | 0.696 | 1971–2001 |
| 38 | 15 | CLIN NUCL MED | 0.38 | 0.43 | 3.1 | 1 | 2.217 | 1995–2004 |
| 39 | 37 | J RADIOL | 0.32 | 0.40 | 2.1 | 1 | 0.600 | 1978–2000 |

REHABILITATION

ISI Category Description Rehabilitation covers resources on therapy to aid in the recovery or enhancement of physical, cognitive, or social abilities diminished by birth defect, disease, injury, or aging.

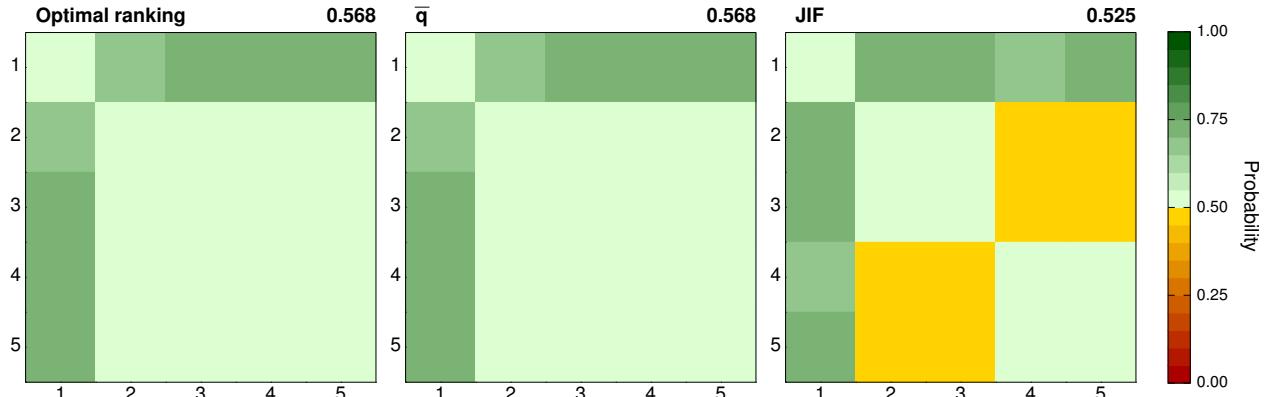


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 3 | 3 | PHYS THER | 1.14 | 0.44 | 18.4 | 11 | 1.510 | 1989–1997 |
| 2 | 2 | 2 | ARCH PHYS MED REHAB | 1.13 | 0.44 | 18.5 | 11 | 1.826 | 1973–1999 |
| 3 | 1 | 1 | EXCEPT CHILDREN | 1.11 | 0.39 | 16.6 | 10 | 3.226 | 1985–2000 |
| 4 | 5 | 5 | AM J PHYS MED REHAB | 0.98 | 0.43 | 13.0 | 7 | 1.300 | 1972–1998 |
| 5 | 7 | 7 | AM J OCCUP THER | 0.80 | 0.41 | 8.0 | 5 | 0.713 | 1976–1996 |
| 6 | 4 | 4 | MENT RETARD | 0.81 | 0.45 | 7.5 | 4 | 1.373 | 1971–1998 |
| 7 | 6 | 6 | J REHABIL | 0.32 | 0.44 | 2.4 | 1 | 0.729 | 1974–2003 |
| 8 | 8 | 8 | J VISUAL IMPAIR BLIN | 0.09 | 0.43 | 1.2 | 0 | 0.413 | 1997–2006 |

REMOTE SENSING

ISI Category Description Remote Sensing includes resources on the technique of remote observation and of obtaining reliable information about physical objects and the environment through the process of recording, measuring, and interpreting photographic images and patterns of electromagnetic radiation from space. This category also covers resources on the applications of remote sensing in environmental, atmospheric, meteorological, geographic, and geo-scientific observations. Resources on geographic information systems that deal in large part with remote sensing are also included.

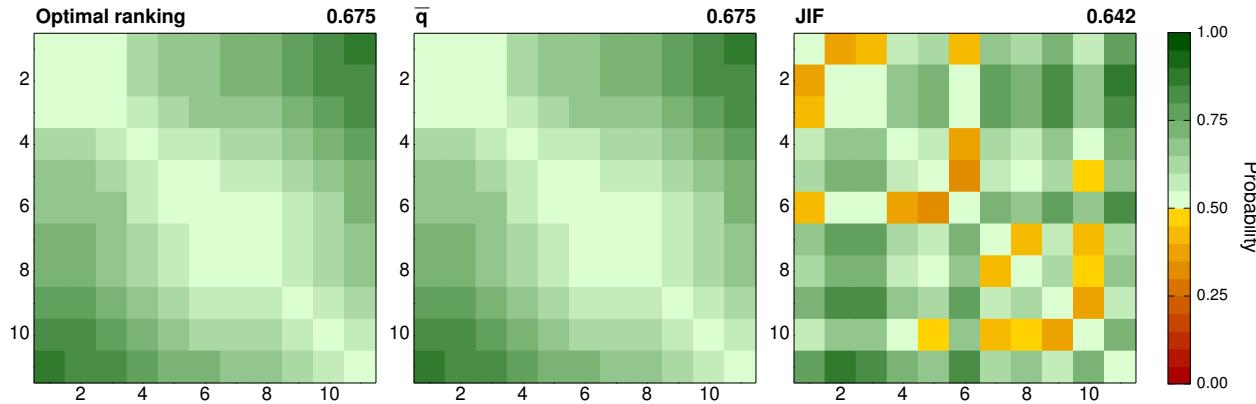


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | JIF | Journal abbreviation | $P_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|-----|----------------------|---------------|----------|-----------|----|-------|-----|---------------------|
| | | | \bar{q} | σ | | | | | |
| 1 | 1 | REMOTE SENS ENVIRON | 1.27 | 0.40 | 26.7 | 16 | 3.064 | | 1980–1998 |
| 2 | 4 | RADIO SCI | 0.91 | 0.45 | 12.2 | 6 | 1.084 | | 1965–1997 |
| 3 | 5 | INT J REMOTE SENS | 0.89 | 0.43 | 12.3 | 6 | 0.980 | | 1982–2000 |
| 4 | 2 | IEEE T GEOSCI REMOTE | 0.83 | 0.49 | 11.6 | 5 | 1.752 | | 1964–2006 |
| 5 | 3 | PHOTOGRAMM ENG REM S | 0.83 | 0.51 | 11.1 | 5 | 1.284 | | 1978–1999 |

REPRODUCTIVE BIOLOGY

ISI Category Description Reproductive Biology includes resources that cover reproduction in humans, animals, and plants. This category ranges from the molecular biology of reproduction through reproductive nutrition, immunology, and toxicology.

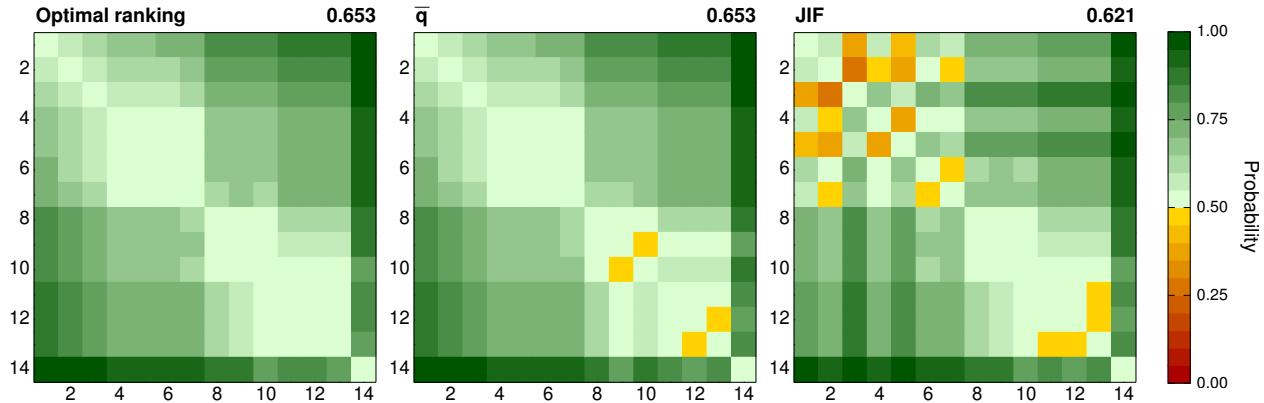


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 2 | BIOL REPROD | 1.39 | 0.36 | 31.9 | 21 | 3.498 | 1970–1997 | |
| 2 | 3 | FERTIL STERIL | 1.39 | 0.38 | 32.0 | 21 | 3.277 | 1978–1993 | |
| 3 | 6 | MOL REPROD DEV | 1.34 | 0.37 | 26.9 | 18 | 2.379 | 1989–1995 | |
| 4 | 1 | HUM REPROD | 1.24 | 0.40 | 23.0 | 15 | 3.769 | 1988–1997 | |
| 5 | 4 | PLACENTA | 1.15 | 0.37 | 17.9 | 11 | 2.969 | 1980–2000 | |
| 6 | 10 | AM J REPROD IMMUNOL | 1.11 | 0.39 | 16.1 | 10 | 1.743 | 1979–1999 | |
| 7 | 5 | REPROD FERT DEVELOP | 1.07 | 0.37 | 14.5 | 10 | 2.541 | 1988–1998 | |
| 8 | 8 | THERIOGENOLOGY | 1.06 | 0.37 | 14.5 | 9 | 1.898 | 1994–2000 | |
| 9 | 7 | ANIM REPROD SCI | 0.95 | 0.37 | 11.2 | 7 | 2.186 | 1979–2001 | |
| 10 | 9 | REPROD NUTR DEV | 0.87 | 0.40 | 9.1 | 6 | 1.817 | 1979–2000 | |
| 11 | 11 | EUR J OBSTET GYN R B | 0.76 | 0.41 | 7.2 | 4 | 1.273 | 1972–2000 | |

RESPIRATORY SYSTEM

ISI Category Description Respiratory System covers resources on all aspects of respiratory and lung diseases, including their relation to cardiovascular and thoracic surgery and diseases.

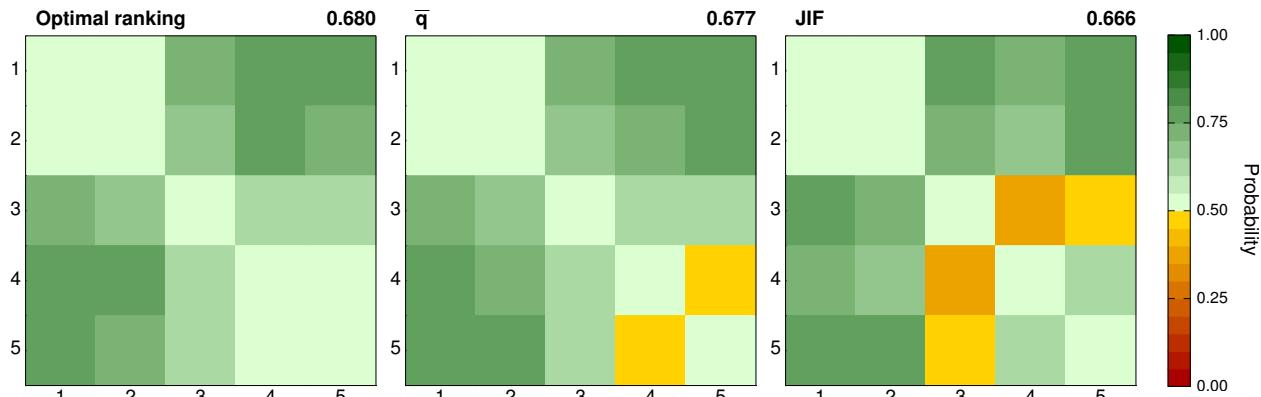


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 3 | AM J RESP CELL MOL | | 1.48 | 0.33 | 38.3 | 26 | 4.593 | 1988–1998 |
| 2 | 5 | J THORAC CARDIOV SUR | | 1.42 | 0.39 | 34.0 | 23 | 3.560 | 1976–1995 |
| 3 | 1 | THORAX | | 1.31 | 0.40 | 28.0 | 17 | 6.064 | 1976–2000 |
| 4 | 4 | CHEST | | 1.22 | 0.45 | 24.3 | 14 | 3.924 | 1974–1996 |
| 5 | 7 | ANN THORAC SURG | | 1.21 | 0.42 | 22.1 | 14 | 2.342 | 1973–1995 |
| 6 | 2 | EUR RESPIR J | | 1.19 | 0.37 | 19.9 | 12 | 5.076 | 1994–2000 |
| 7 | 6 | J HEART LUNG TRANSPL | | 1.15 | 0.37 | 18.6 | 12 | 2.830 | 1990–1998 |
| 8 | 8 | EUR J CARDIO-THORAC | | 0.96 | 0.38 | 11.0 | 7 | 2.106 | 1989–2000 |
| 9 | 9 | RESP MED | | 0.92 | 0.39 | 9.7 | 6 | 2.086 | 1995–2001 |
| 10 | 10 | PEDIATR PULM | | 0.93 | 0.62 | 12.0 | 7 | 1.965 | 1985–1997 |
| 11 | 13 | THORAC CARDIOV SURG | | 0.79 | 0.39 | 7.1 | 4 | 0.814 | 1978–2000 |
| 12 | 11 | RESPIRATION | | 0.78 | 0.40 | 7.7 | 4 | 1.649 | 1968–2000 |
| 13 | 12 | HEART LUNG | | 0.79 | 0.47 | 7.9 | 4 | 0.955 | 1986–2001 |
| 14 | 14 | REV MAL RESPIR | | 0.13 | 0.45 | 1.3 | 0 | 0.436 | 1998–2001 |

RHEUMATOLOGY

ISI Category Description Rheumatology covers resources on clinical, therapeutic, and laboratory research about arthritis and rheumatism, the chronic degenerative autoimmune inflammatory diseases that primarily affect joints and connective tissue.

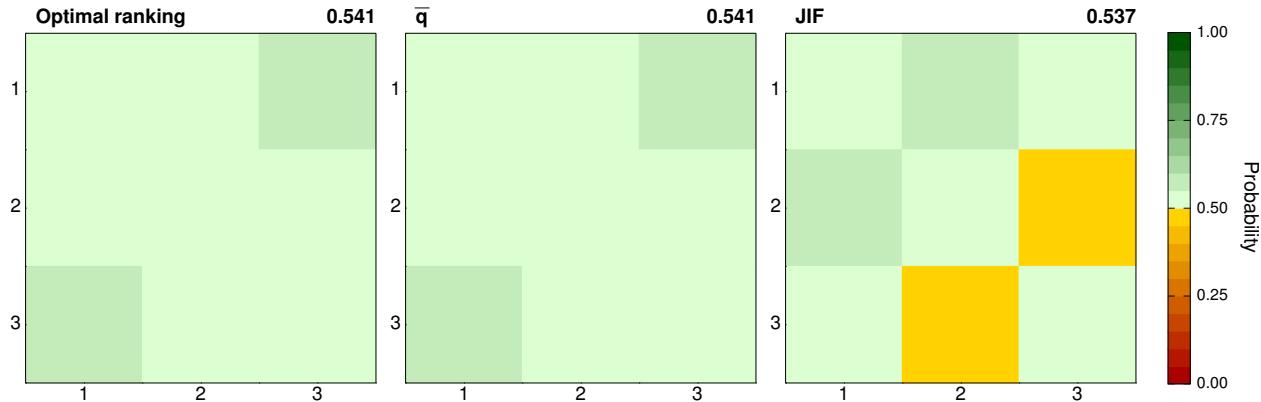


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|--------------------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | Rank | | \bar{q} | σ | | | | | |
| 1 | 1 | ANN RHEUM DIS | 1.29 | 0.37 | 27.1 | 17 | 5.767 | 1982–1989 | | |
| 2 | 2 | J RHEUMATOL | 1.25 | 0.38 | 23.7 | 15 | 2.940 | 1973–1999 | | |
| 3 | 4 | CLIN EXP RHEUMATOL | 0.98 | 0.39 | 12.2 | 8 | 2.189 | 1982–1999 | | |
| 4 | 5 | CLIN RHEUMATOL | 0.81 | 0.38 | 7.6 | 5 | 1.459 | 1981–2000 | | |
| 5 | 3 | SCAND J RHEUMATOL | 0.82 | 0.65 | 10.2 | 5 | 2.273 | 1973–1999 | | |

SOCIAL ISSUES

ISI Category Description Social Issues covers resources in a wide variety of topics addressing social problems for the individual, family, or society. Resources included in this category deal with death studies, issues in science and technology, gender studies, ethical studies, media studies, race and class, and the interaction of technology and society.

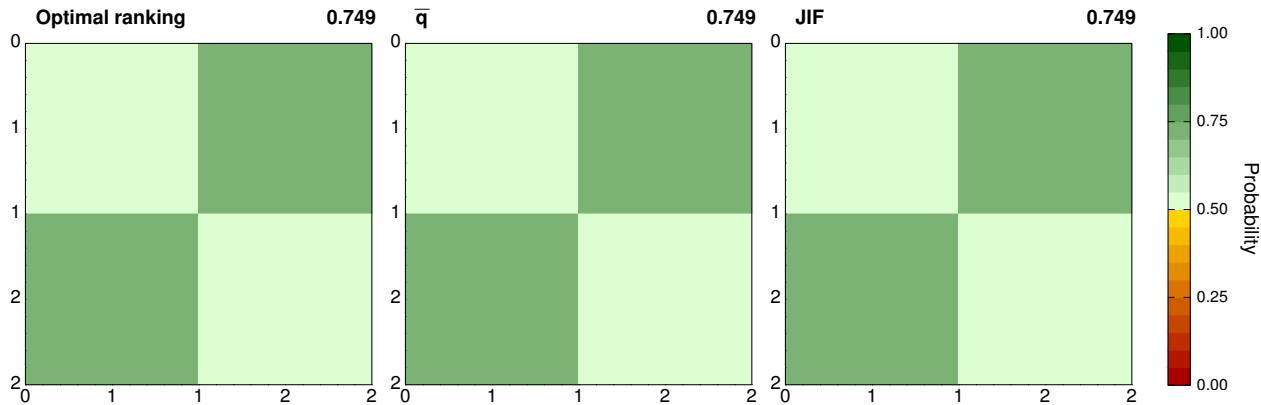


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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | | n | Q2 | JIF | Steady-state period |
|-----|------|------------|----------------------|---------------|----------|-----------|-------|----|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | \bar{n} | | | | |
| 1 | 1 | B ATOM SCI | -0.18 | 0.39 | 0.5 | 0 | 0.397 | | 1978–2006 | |
| 2 | 3 | DISSENT | -0.31 | 0.43 | 0.4 | 0 | 0.118 | | 1955–2003 | |
| 3 | 2 | COMMENTARY | -1.34 | 1.30 | 0.2 | 0 | 0.133 | | 2000–2003 | |

SOCIAL SCIENCES, BIOMEDICAL

ISI Category Description Social Sciences, Biomedical includes resources on the political and social effects of biomedical research. Areas covered include family planning, healthcare ethics, psycho-oncology, and sexual health.

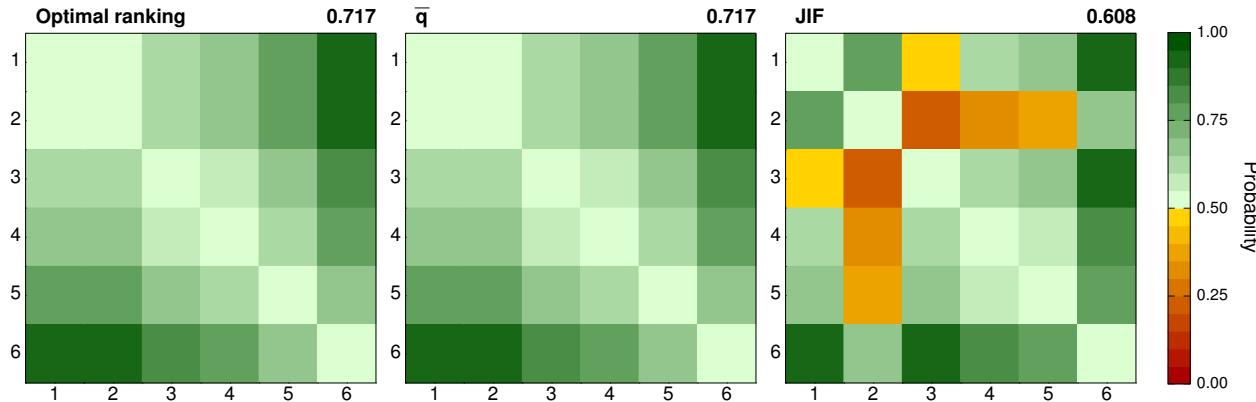


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-------------------|----------------------|---------------|----------|-----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | SOC SCI MED | 1.17 | 0.39 | 20.7 | 12 | 2.749 | 1989–1999 | |
| 2 | 2 | HASTINGS CENT REP | 0.66 | 0.61 | 7.8 | 3 | 1.848 | 1992–1999 | |

SOCIAL SCIENCES, INTERDISCIPLINARY

ISI Category Description Social Sciences, Interdisciplinary includes resources with an interdisciplinary approach to the field such as studies on social sciences and computers, time and society, evaluation practice, black studies, information science and society, homosexuality studies, childhood studies, and death studies.

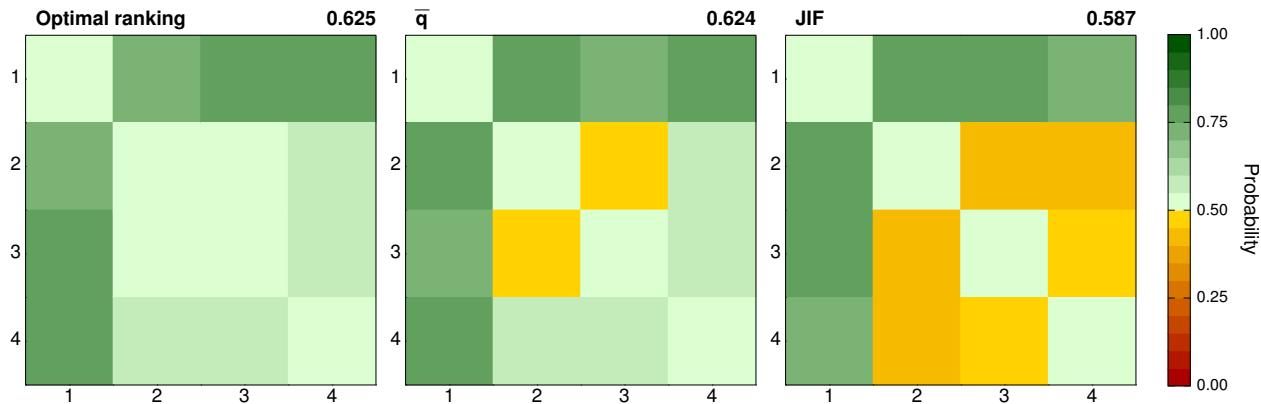


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|-----------|----|-------|---------------------|
| | JIF | q-bar | | \bar{q} | σ | | | | |
| 1 | 3 | HUM RELAT | | 0.96 | 0.42 | 14.4 | 7 | 0.670 | 1955–2000 |
| 2 | 1 | ACCIDENT ANAL PREV | | 0.95 | 0.38 | 11.2 | 7 | 1.587 | 1974–2001 |
| 3 | 4 | SOC SCI QUART | | 0.75 | 0.43 | 7.6 | 4 | 0.641 | 1969–2000 |
| 4 | 5 | AM BEHAV SCI | | 0.64 | 0.45 | 6.5 | 3 | 0.466 | 1965–2001 |
| 5 | 2 | ANN AM ACAD POLIT SS | | 0.34 | 0.47 | 3.5 | 1 | 0.736 | 1964–1995 |
| 6 | 6 | SOCIETY | | -0.06 | 0.44 | 0.9 | 0 | 0.049 | 1973–2004 |

SOCIAL SCIENCES, MATHEMATICAL METHODS

ISI Category Description Social Sciences, Mathematical Methods covers resources concerned with the quantitative methodologies used for research in social sciences such as mathematical modeling and statistical techniques for psychological, sociological, and economic data evaluation.

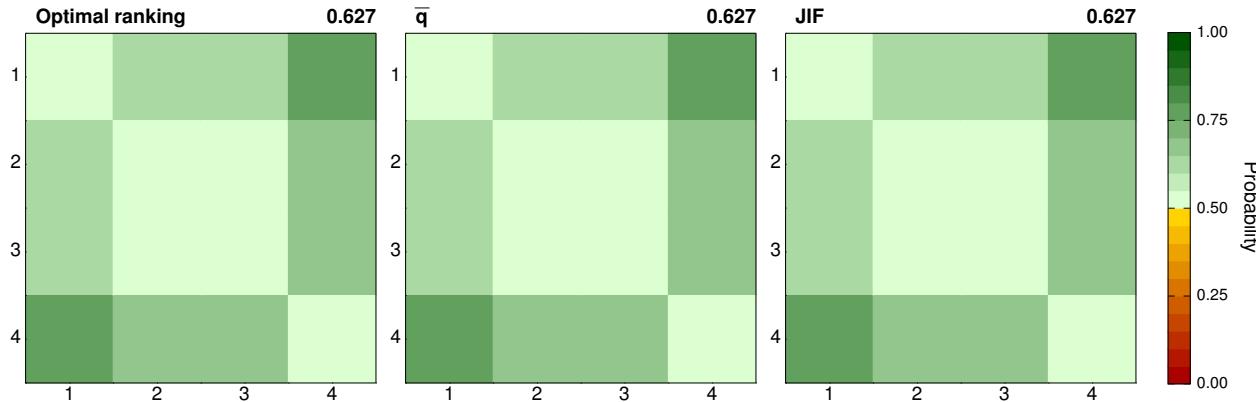


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | | | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | | | | |
| 1 | 1 | ECONOMETRICA | 1.58 | 0.45 | 88.6 | 35 | 2.402 | 1980–1994 |
| 2 | 4 | J ECONOMETRICS | 1.13 | 0.45 | 28.1 | 11 | 1.669 | 1979–1996 |
| 3 | 3 | REV ECON STAT | 1.13 | 0.42 | 21.4 | 11 | 1.766 | 1964–1999 |
| 4 | 2 | RISK ANAL | 1.04 | 0.45 | 16.2 | 9 | 1.938 | 1983–1999 |

SOCIAL WORK

ISI Category Description Social Work covers resources concerned with homelessness, social casework, social services, social work education, public welfare, family counseling, child welfare and abuse, social work administration, social work with groups, and gerontological social work.

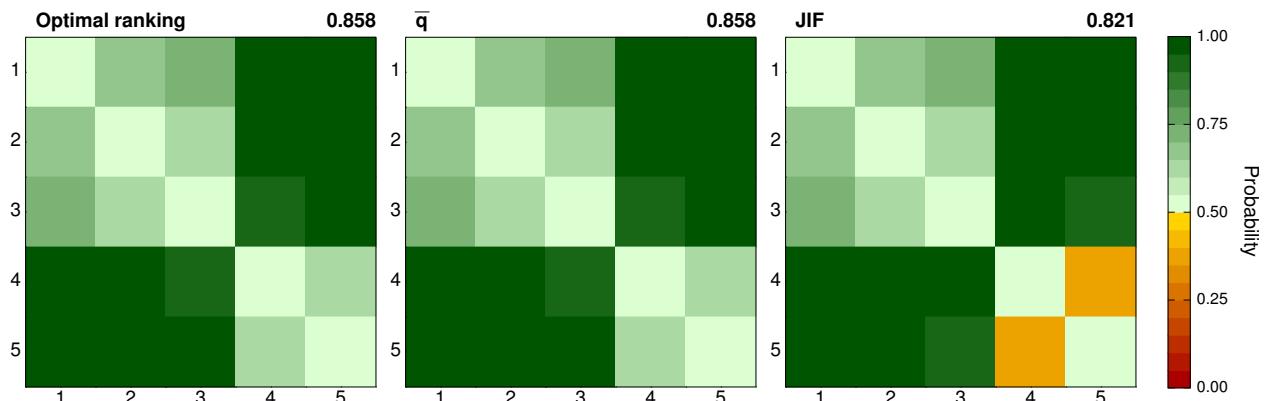


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | \bar{n} | n | Q2 | JIF | Steady-state period |
|-----|------|---------------------|----------------------|---------------|----------|-----------|-------|-----------|-----|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | | |
| 1 | 1 | CHILD ABUSE NEGLECT | 1.14 | 0.31 | 18.3 | 12 | 1.623 | 1994–1996 | | |
| 2 | 2 | SOC WORK | 0.98 | 0.35 | 11.0 | 8 | 0.779 | 1979–1999 | | |
| 3 | 3 | FAM RELAT | 0.96 | 0.38 | 11.6 | 7 | 0.731 | 1981–1998 | | |
| 4 | 4 | CHILD WELFARE | 0.71 | 0.41 | 6.3 | 4 | 0.500 | 1977–2001 | | |

SOCIOLOGY

ISI Category Description Sociology covers resources that focus on the study of human society, social structures, and social change as well as human behavior as it is shaped by social forces. Areas covered in this category include community studies, socio-ethnic problems, leisure and tourism, rural sociology, sociobiology, social deviance, gender studies, the sociology of law, the sociology of religion, and comparative sociology.

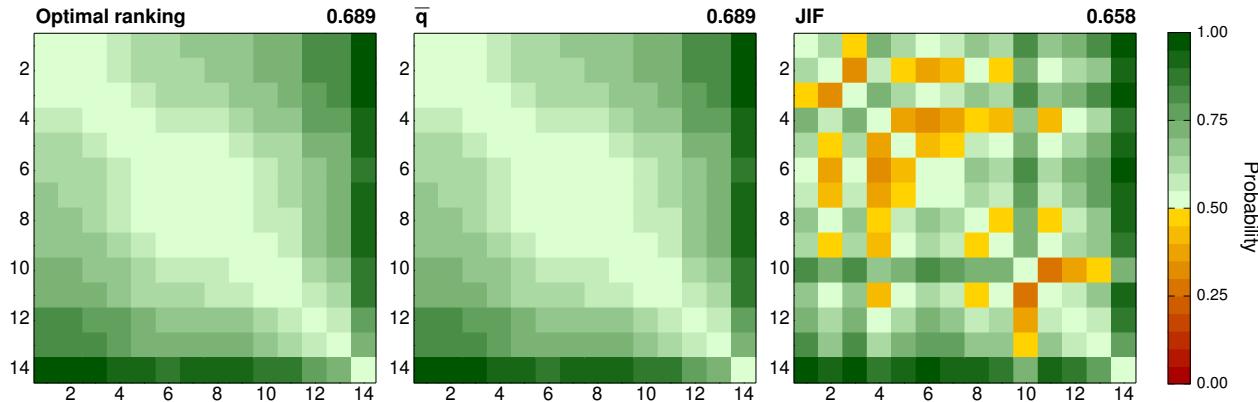


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----------------|----------------------|---------------|----------|-----|-------|-----|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 1 | AM SOCIAL REV | 1.60 | 0.43 | 61.1 | 36 | 3.205 | | 1955–1996 |
| 2 | 2 | J MARRIAGE FAM | 1.34 | 0.41 | 31.6 | 19 | 1.763 | | 1975–1994 |
| 3 | 3 | SOC FORCES | 1.16 | 0.43 | 20.5 | 11 | 1.214 | | 1971–1998 |
| 4 | 5 | SOCIETY | -0.06 | 0.44 | 0.9 | 0 | 0.049 | | 1973–2004 |
| 5 | 4 | SOTSIOL ISSLED+ | -0.36 | 0.38 | 0.2 | 0 | 0.227 | | 1982–2004 |

SOIL SCIENCE

ISI Category Description Soil Science covers resources concerning many aspects of the formation, nature, distribution, and utilization of soils including soil biology and fertility, soil conservation and tillage research, soil contamination and reclamation, soil biochemistry, and soil chemistry and physics.

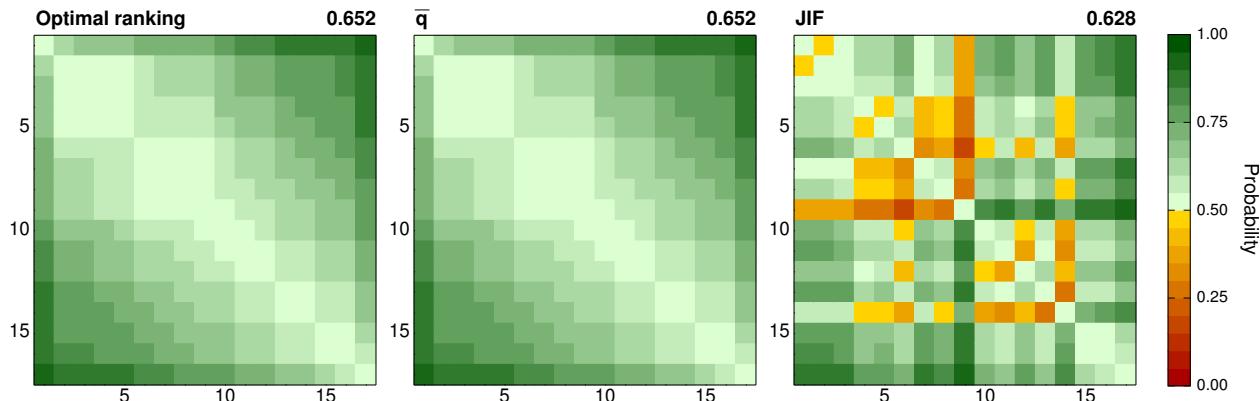


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | \bar{q} | | \bar{q} | σ | | | | |
| 1 | 3 | SOIL SCI SOC AM J | 1.30 | 0.39 | 28.5 | 17 | 1.869 | 1971–1994 | |
| 2 | 1 | SOIL BIOL BIOCHEM | 1.29 | 0.38 | 26.7 | 16 | 2.623 | 1987–1996 | |
| 3 | 6 | CLAY CLAY MINER | 1.22 | 0.32 | 20.1 | 15 | 1.423 | 1990–1994 | |
| 4 | 7 | BIOL FERT SOILS | 1.18 | 0.37 | 18.7 | 12 | 1.405 | 1984–1995 | |
| 5 | 5 | PLANT SOIL | 1.12 | 0.40 | 17.1 | 11 | 1.495 | 1988–1991 | |
| 6 | 9 | SOIL SCI | 1.08 | 0.42 | 18.0 | 10 | 0.956 | 1965–1997 | |
| 7 | 2 | GEODERMA | 1.05 | 0.39 | 15.3 | 9 | 2.124 | 1967–2000 | |
| 8 | 11 | CAN J SOIL SCI | 1.04 | 0.38 | 14.9 | 9 | 0.761 | 1964–1997 | |
| 9 | 8 | AUST J SOIL RES | 1.00 | 0.33 | 12.1 | 8 | 1.072 | 1992–1999 | |
| 10 | 4 | SOIL TILL RES | 0.95 | 0.36 | 11.0 | 7 | 1.619 | 1979–2001 | |
| 11 | 12 | SOIL SCI PLANT NUTR | 0.88 | 0.37 | 9.7 | 6 | 0.443 | 1978–1994 | |
| 12 | 13 | COMMUN SOIL SCI PLAN | 0.72 | 0.41 | 8.9 | 4 | 0.302 | 1973–1995 | |
| 13 | 10 | J SOIL WATER CONSERV | 0.65 | 0.49 | 7.0 | 3 | 0.949 | 1966–2002 | |
| 14 | 14 | AGROCHIMICA | 0.13 | 0.43 | 1.5 | 0 | 0.231 | 1965–2003 | |

SPECTROSCOPY

ISI Category Description Spectroscopy covers resources concerned with the production, measurement, and interpretation of electromagnetic spectra arising from either emission or absorption of radiant energy by various sources. This category includes resources that report on any of several techniques for analyzing the spectra of beams of particles or for determining mass spectra.

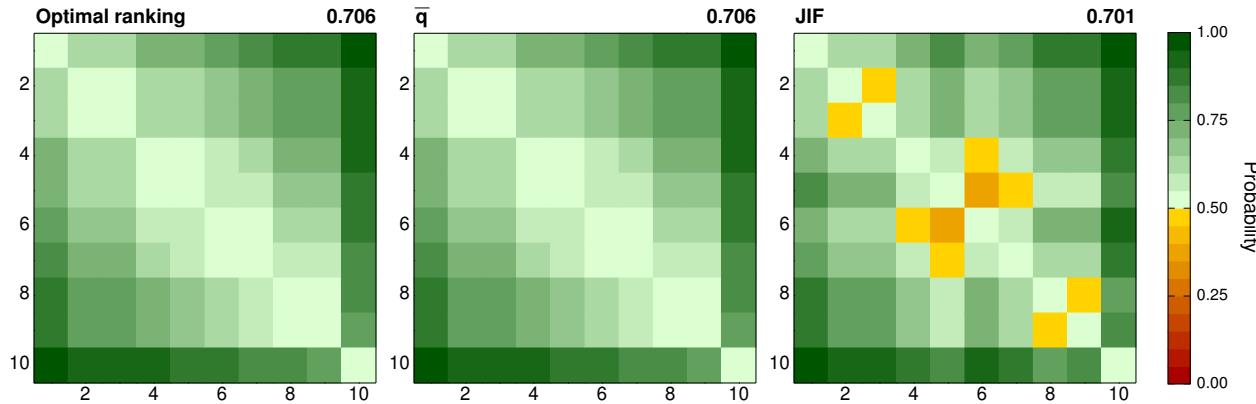


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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 9 | J BIOMOL NMR | 1.46 | 0.37 | 73.5 | 25 | 1.791 | 1991–1995 |
| 2 | 2 | J AM SOC MASS SPECTR | 1.26 | 0.37 | 25.5 | 15 | 3.307 | 1989–2000 |
| 3 | 1 | J ANAL ATOM SPECTROM | 1.25 | 0.33 | 19.6 | 14 | 3.630 | 1998–2000 |
| 4 | 3 | SPECTROCHIM ACTA B | 1.23 | 0.38 | 22.1 | 14 | 3.092 | 1966–1996 |
| 5 | 7 | J MAGN RESON | 1.19 | 0.40 | 30.0 | 13 | 2.076 | 1970–1992 |
| 6 | 14 | J MOL SPECTROSC | 1.12 | 0.35 | 16.2 | 11 | 1.260 | 1987–1993 |
| 7 | 8 | APPL SPECTROSC | 1.08 | 0.38 | 16.2 | 10 | 1.879 | 1970–1998 |
| 8 | 5 | INT J MASS SPECTROM | 1.08 | 0.42 | 18.0 | 10 | 2.337 | 1974–1994 |
| 9 | 4 | RAPID COMMUN MASS SP | 1.05 | 0.44 | 18.4 | 9 | 2.680 | 1989–1997 |
| 10 | 12 | J ANAL APPL PYROL | 1.00 | 0.37 | 12.8 | 8 | 1.412 | 1979–1998 |
| 11 | 10 | MAGN RESON CHEM | 0.93 | 0.35 | 9.9 | 6 | 1.610 | 1984–1994 |
| 12 | 6 | J RAMAN SPECTROSC | 0.91 | 0.38 | 10.0 | 6 | 2.133 | 1983–1999 |
| 13 | 11 | J QUANT SPECTROSC RA | 0.82 | 0.37 | 8.8 | 5 | 1.599 | 1998–2000 |
| 14 | 13 | SPECTROCHIM ACTA A | 0.82 | 0.36 | 7.4 | 5 | 1.270 | 1995–2001 |
| 15 | 15 | NUCL INSTRUM METH A | 0.73 | 0.44 | 8.3 | 4 | 1.185 | 1989–1994 |
| 16 | 16 | J ELECTRON SPECTROSC | 0.69 | 0.41 | 6.2 | 4 | 1.172 | 1995–2002 |
| 17 | 17 | SPECTROSC LETT | 0.53 | 0.39 | 3.7 | 2 | 0.772 | 1985–1998 |

SPORT SCIENCES

ISI Category Description Sport Sciences covers resources on the applied physiology of human performance, physical conditioning for sports participation, optimal nutrition for sports performance, and the prevention and treatment of sports-related injuries and diseases. This category also includes resources on sport psychology and sociology.

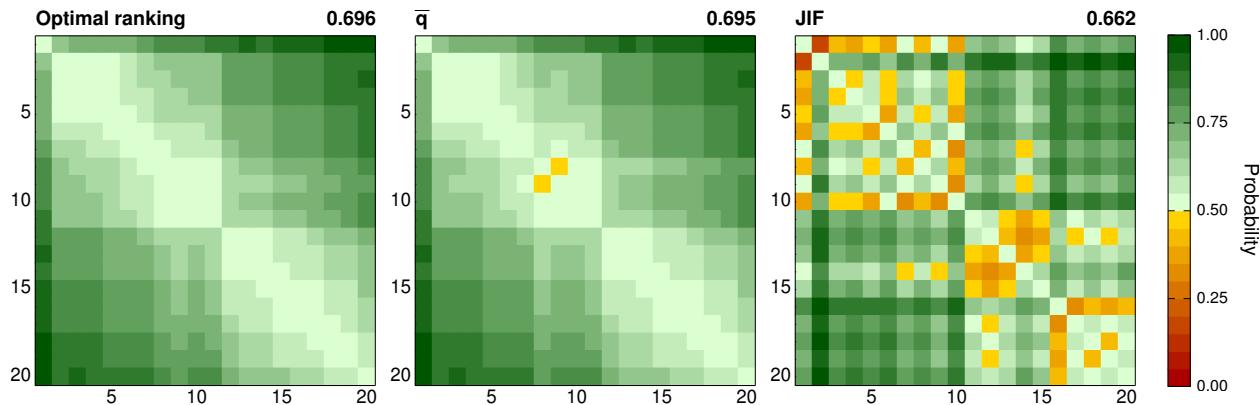


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| AUC | Rank | | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|----|-------|-----------|---------------------|
| | JIF | q | | \bar{q} | σ | | | | |
| 1 | 1 | J APPL PHYSIOL | 1.53 | 0.41 | 47.6 | 30 | 3.178 | 1975–1980 | |
| 2 | 3 | AM J SPORT MED | 1.37 | 0.42 | 30.6 | 20 | 2.694 | 1981–1999 | |
| 3 | 2 | MED SCI SPORT EXER | 1.35 | 0.40 | 31.3 | 19 | 2.909 | 1972–1995 | |
| 4 | 6 | INT J SPORTS MED | 1.18 | 0.38 | 19.8 | 12 | 1.240 | 1981–1996 | |
| 5 | 4 | ARCH PHYS MED REHAB | 1.13 | 0.44 | 18.5 | 11 | 1.826 | 1973–1999 | |
| 6 | 7 | RES Q EXERCISE SPORT | 1.03 | 0.41 | 14.4 | 8 | 0.982 | 1979–1999 | |
| 7 | 5 | AM J PHYS MED REHAB | 0.98 | 0.43 | 13.0 | 7 | 1.300 | 1972–1998 | |
| 8 | 9 | J SPORT MED PHYS FIT | 0.86 | 0.38 | 8.3 | 6 | 0.568 | 1990–1999 | |
| 9 | 8 | AVIAT SPACE ENVIR MD | 0.83 | 0.43 | 9.1 | 5 | 0.830 | 1974–1996 | |
| 10 | 10 | PHYSICIAN SPORTSMED | 0.19 | 0.50 | 2.3 | 1 | 0.322 | 1988–2004 | |

STATISTICS & PROBABILITY

ISI Category Description Statistics & Probability covers resources concerned with methods of obtaining, analyzing, summarizing, and interpreting numerical or quantitative data. Resources on the study of the mathematical structures and constructions used to analyze the probability of a given set of events from a family of outcomes are also covered.

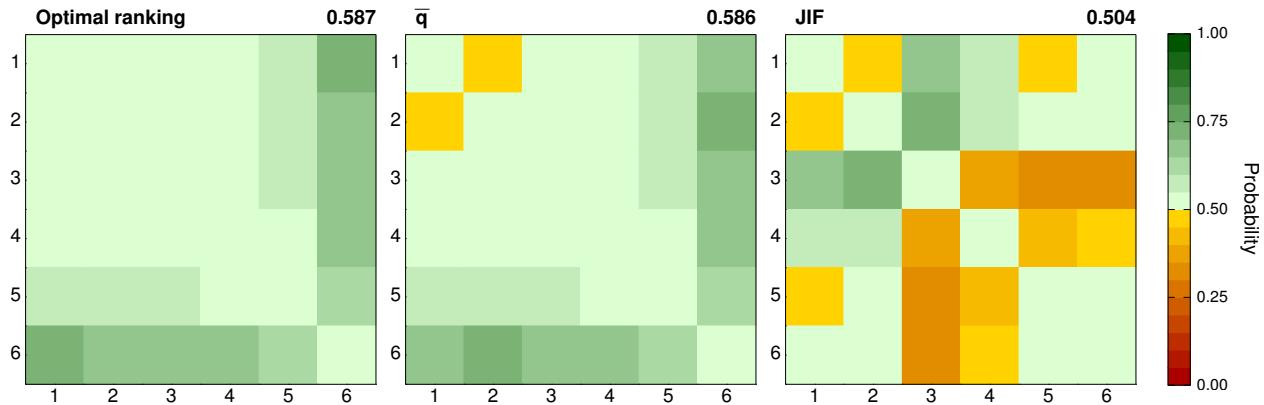


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | ECONOMETRICA | 1.58 | 0.45 | 88.6 | 35 | 2.402 | 1980–1994 |
| 2 | 6 | BIOMETRICS | 1.25 | 0.46 | 48.1 | 14 | 1.489 | 1954–1994 |
| 3 | 10 | BIOMETRIKA | 1.22 | 0.42 | 36.8 | 13 | 1.014 | 1955–1996 |
| 4 | 4 | ANN STAT | 1.21 | 0.44 | 30.1 | 14 | 1.902 | 1972–1994 |
| 5 | 3 | J AM STAT ASSOC | 1.16 | 0.48 | 37.9 | 12 | 2.171 | 1955–1998 |
| 6 | 8 | FUZZY SET SYST | 1.11 | 0.45 | 23.4 | 11 | 1.181 | 1980–1987 |
| 7 | 5 | STAT MED | 1.04 | 0.40 | 16.9 | 9 | 1.737 | 1994–1997 |
| 8 | 1 | CHEMOMETR INTELL LAB | 0.96 | 0.42 | 14.8 | 8 | 2.450 | 1986–2002 |
| 9 | 14 | ADV APPL PROBAB | 0.98 | 0.51 | 13.8 | 7 | 0.789 | 1975–1992 |
| 10 | 7 | ANN PROBAB | 0.95 | 0.38 | 10.8 | 7 | 1.301 | 1987–1999 |
| 11 | 9 | PROBAB THEORY REL | 0.89 | 0.38 | 10.1 | 6 | 1.180 | 1985–1999 |
| 12 | 15 | J MULTIVARIATE ANAL | 0.73 | 0.40 | 7.3 | 4 | 0.763 | 1975–2000 |
| 13 | 13 | STOCH PROC APPL | 0.66 | 0.41 | 5.8 | 3 | 0.802 | 1983–1999 |
| 14 | 11 | AM STAT | 0.66 | 0.47 | 11.0 | 3 | 0.976 | 1964–2001 |
| 15 | 17 | J APPL PROBAB | 0.57 | 0.40 | 4.5 | 2 | 0.504 | 1993–2001 |
| 16 | 19 | ANN I STAT MATH | 0.56 | 0.44 | 6.2 | 2 | 0.355 | 1956–1998 |
| 17 | 12 | COMPUT STAT DATA AN | 0.51 | 0.41 | 4.3 | 2 | 0.928 | 1982–2003 |
| 18 | 18 | J STAT PLAN INFER | 0.44 | 0.41 | 3.4 | 2 | 0.497 | 1992–2000 |
| 19 | 20 | STAT PROBABIL LETT | 0.40 | 0.42 | 2.7 | 1 | 0.286 | 1994–2000 |
| 20 | 16 | BIOMETRICAL J | 0.27 | 0.44 | 2.3 | 1 | 0.612 | 1989–2005 |

SUBSTANCE ABUSE

ISI Category Description Substance Abuse covers resources on the behavior, education, treatment, and research of alcohol, drug, and other substances of addiction.

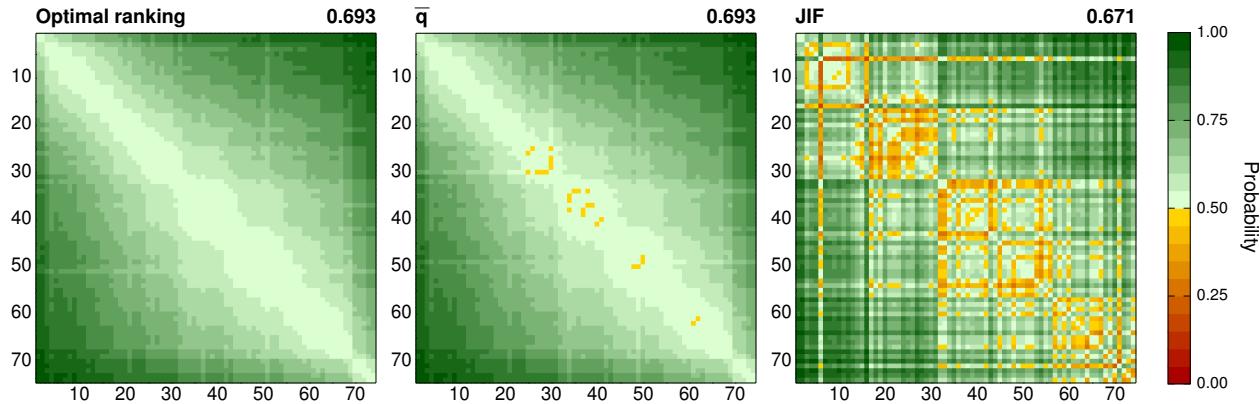


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 2 | 2 | ALCOHOL CLIN EXP RES | 1.30 | 0.37 | 25.8 | 17 | 2.933 | 1981–1995 |
| 2 | 5 | 5 | J STUD ALCOHOL | 1.31 | 0.42 | 27.4 | 17 | 1.884 | 1974–1998 |
| 3 | 1 | 1 | DRUG ALCOHOL DEPEN | 1.27 | 0.36 | 21.6 | 16 | 3.213 | 1992–1999 |
| 4 | 6 | 6 | ADDICT BEHAV | 1.22 | 0.36 | 24.0 | 14 | 1.849 | 1974–1998 |
| 5 | 4 | 4 | ALCOHOL | 1.18 | 0.36 | 20.1 | 12 | 2.020 | 1987–1993 |
| 6 | 3 | 3 | ALCOHOL ALCOHOLISM | 0.98 | 0.42 | 12.3 | 8 | 2.061 | 1982–2000 |

SURGERY

ISI Category Description Surgery covers resources on general surgical topics including the different types of surgery (cardiovascular, neurosurgery, orthopedic, pediatric, or vascular); allied disciplines of surgery (surgical oncology, pathology, or radiology); and surgical techniques (arthroscopy, microscopy, or endoscopy).



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | ANN SURG | 1.62 | 0.39 | 56.4 | 37 | 7.678 | 1979–1999 |
| 2 | 2 | AM J SURG PATHOL | 1.59 | 0.36 | 49.0 | 34 | 4.144 | 1976–1995 |
| 3 | 16 | J NEUROSURG | 1.50 | 0.39 | 44.0 | 28 | 2.242 | 1974–1992 |
| 4 | 12 | J BONE JOINT SURG AM | 1.46 | 0.45 | 43.3 | 25 | 2.444 | 1965–1995 |
| 5 | 5 | J NEUROL NEUROSUR PS | 1.45 | 0.40 | 40.5 | 25 | 3.630 | 1954–1995 |
| 6 | 4 | TRANSPLANTATION | 1.42 | 0.38 | 35.2 | 22 | 3.972 | 1981–1995 |
| 7 | 7 | J THORAC CARDIOV SUR | 1.42 | 0.39 | 34.0 | 23 | 3.560 | 1976–1995 |
| 8 | 8 | J VASC SURG | 1.40 | 0.40 | 32.7 | 22 | 3.311 | 1983–1995 |
| 9 | 10 | SURGERY | 1.38 | 0.35 | 27.7 | 20 | 2.977 | 1993–1995 |
| 10 | 9 | ARCH SURG-CHICAGO | 1.37 | 0.40 | 31.5 | 20 | 3.058 | 1976–1997 |
| 11 | 27 | J BONE JOINT SURG BR | 1.36 | 0.39 | 30.6 | 19 | 1.790 | 1955–1995 |
| 12 | 11 | NEUROSURGERY | 1.33 | 0.42 | 27.8 | 18 | 2.692 | 1977–1997 |
| 13 | 3 | BRIT J SURG | 1.32 | 0.40 | 27.8 | 18 | 4.092 | 1979–1995 |
| 14 | 13 | DIS COLON RECTUM | 1.31 | 0.41 | 24.4 | 17 | 2.442 | 1989–1995 |
| 15 | 20 | AM J SURG | 1.28 | 0.42 | 25.4 | 16 | 2.101 | 1974–1996 |
| 16 | 24 | J TRAUMA | 1.27 | 0.41 | 25.6 | 16 | 2.035 | 1989–1993 |
| 17 | 28 | WORLD J SURG | 1.26 | 0.43 | 23.1 | 15 | 1.765 | 1983–1998 |
| 18 | 14 | ANN THORAC SURG | 1.21 | 0.42 | 22.1 | 14 | 2.342 | 1973–1995 |
| 19 | 31 | ARTHROSCOPY | 1.20 | 0.43 | 18.6 | 15 | 1.574 | 1991–1992 |
| 20 | 29 | ARCH OTOLARYNGOL | 1.18 | 0.40 | 19.6 | 13 | 1.734 | 1973–1995 |
| 21 | 26 | PLAST RECONSTR SURG | 1.17 | 0.46 | 22.5 | 12 | 1.864 | 1973–1993 |
| 22 | 18 | CLIN ORTHOP RELAT R | 1.16 | 0.38 | 17.6 | 12 | 2.161 | 1995–1998 |
| 23 | 25 | HEAD NECK-J SCI SPEC | 1.15 | 0.37 | 17.0 | 11 | 1.961 | 1988–1999 |
| 24 | 43 | J PEDIATR SURG | 1.13 | 0.36 | 15.7 | 11 | 1.109 | 1989–1995 |

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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 15 | J CATARACT REFR SURG | 1.10 | 0.39 | 15.6 | 10 | 2.285 | 1985–2000 |
| 26 | 54 | CLEFT PALATE-CRAN J | 1.03 | 0.37 | 16.3 | 9 | 0.724 | 1990–1992 |
| 27 | 35 | J HAND SURG-AM | 1.10 | 0.38 | 13.8 | 11 | 1.286 | 1993–1995 |
| 28 | 30 | SURG CLIN N AM | 1.07 | 0.41 | 16.1 | 10 | 1.656 | 1971–1999 |
| 29 | 21 | LASER SURG MED | 1.07 | 0.36 | 14.1 | 9 | 2.077 | 1992–2000 |
| 30 | 23 | J SURG RES | 1.05 | 0.37 | 14.7 | 9 | 2.038 | 1978–1998 |
| 31 | 22 | CLIN TRANSPLANT | 1.03 | 0.32 | 11.7 | 9 | 2.051 | 1997–2000 |
| 32 | 37 | ORAL SURG ORAL MED O | 1.01 | 0.41 | 13.5 | 8 | 1.221 | 1970–1995 |
| 33 | 44 | CLIN PLAST SURG | 0.99 | 0.39 | 12.3 | 8 | 1.080 | 1978–1998 |
| 34 | 40 | BRIT J PLAST SURG | 0.97 | 0.41 | 13.0 | 8 | 1.182 | 1973–1997 |
| 35 | 34 | AM SURGEON | 0.97 | 0.38 | 10.8 | 7 | 1.299 | 1983–1998 |
| 36 | 19 | EUR J CARDIO-THORAC | 0.96 | 0.38 | 11.0 | 7 | 2.106 | 1989–2000 |
| 37 | 39 | ACTA NEUROCHIR | 0.98 | 0.48 | 11.8 | 8 | 1.212 | 1970–1995 |
| 38 | 56 | J CARDIAC SURG | 0.95 | 0.39 | 11.6 | 7 | 0.709 | 1990–1996 |
| 39 | 46 | SURG NEUROL | 0.97 | 0.41 | 10.0 | 7 | 1.057 | 1993–1998 |
| 40 | 53 | HEPATO-GASTROENTEROL | 0.94 | 0.37 | 10.3 | 7 | 0.756 | 1979–1997 |
| 41 | 41 | J CRANIO MAXILL SURG | 0.95 | 0.37 | 9.8 | 7 | 1.171 | 1986–2000 |
| 42 | 17 | J SURG ONCOL | 0.93 | 0.43 | 9.9 | 7 | 2.183 | 1988–1999 |
| 43 | 38 | INT J ORAL MAX SURG | 0.90 | 0.36 | 9.7 | 6 | 1.212 | 1985–1999 |
| 44 | 47 | ANN PLAS SURG | 0.89 | 0.39 | 9.9 | 6 | 1.027 | 1982–1995 |
| 45 | 49 | MICROSURG | 0.87 | 0.39 | 8.7 | 6 | 0.882 | 1989–1995 |
| 46 | 60 | BRIT J ORAL MAX SURG | 0.87 | 0.38 | 8.6 | 6 | 0.654 | 1983–1998 |
| 47 | 71 | SCAND J PLAST RECONS | 0.87 | 0.41 | 9.1 | 5 | 0.353 | 1980–1996 |
| 48 | 50 | J HAND SURG-BRIT EUR | 0.85 | 0.37 | 8.3 | 5 | 0.844 | 1983–1996 |
| 49 | 36 | CHILD NERV SYST | 0.86 | 0.38 | 7.6 | 6 | 1.257 | 1995–2000 |
| 50 | 55 | ANN ROY COLL SURG | 0.85 | 0.44 | 8.9 | 5 | 0.720 | 1973–1996 |
| 51 | 6 | ENDOSCOPY | 0.86 | 0.53 | 10.9 | 5 | 3.605 | 1995–2001 |
| 52 | 67 | J RECONSTR MICROSURG | 0.85 | 0.40 | 7.6 | 5 | 0.467 | 1989–1997 |
| 53 | 42 | BURNS | 0.82 | 0.37 | 7.5 | 5 | 1.139 | 1988–2001 |
| 54 | 58 | EUR SURG RES | 0.81 | 0.39 | 8.2 | 5 | 0.684 | 1968–2000 |
| 55 | 51 | THORAC CARDIOV SURG | 0.79 | 0.39 | 7.1 | 4 | 0.814 | 1978–2000 |
| 56 | 52 | ARCH ORTHOP TRAUM SU | 0.77 | 0.39 | 7.3 | 4 | 0.793 | 1978–1999 |
| 57 | 32 | CLIN NEUROL NEUROSUR | 0.77 | 0.38 | 6.6 | 4 | 1.506 | 1977–1998 |
| 58 | 33 | OTOLARYNG HEAD NECK | 0.75 | 0.40 | 6.9 | 4 | 1.338 | 1998–2002 |
| 59 | 65 | CAN J SURG | 0.74 | 0.42 | 7.0 | 4 | 0.515 | 1967–1999 |
| 60 | 66 | CHIRURG | 0.73 | 0.37 | 6.4 | 4 | 0.489 | 1990–1997 |
| 61 | 48 | J CARDIOVASC SURG | 0.72 | 0.41 | 6.7 | 4 | 1.020 | 1960–1997 |
| 62 | 45 | INJURY | 0.72 | 0.43 | 6.5 | 4 | 1.067 | 1973–1996 |
| 63 | 63 | EUR J PEDIATR SURG | 0.70 | 0.37 | 5.4 | 4 | 0.579 | 1990–2000 |
| 64 | 62 | UNFALLCHIRURG | 0.67 | 0.38 | 5.5 | 3 | 0.645 | 1988–1998 |
| 65 | 69 | NEUROCHIRURGIE | 0.66 | 0.39 | 5.2 | 3 | 0.386 | 1964–1999 |
| 66 | 74 | INT SURG | 0.66 | 0.39 | 5.1 | 3 | 0.273 | 1980–1999 |
| 67 | 59 | AESTHET PLAST SURG | 0.64 | 0.40 | 5.8 | 3 | 0.657 | 1975–2000 |

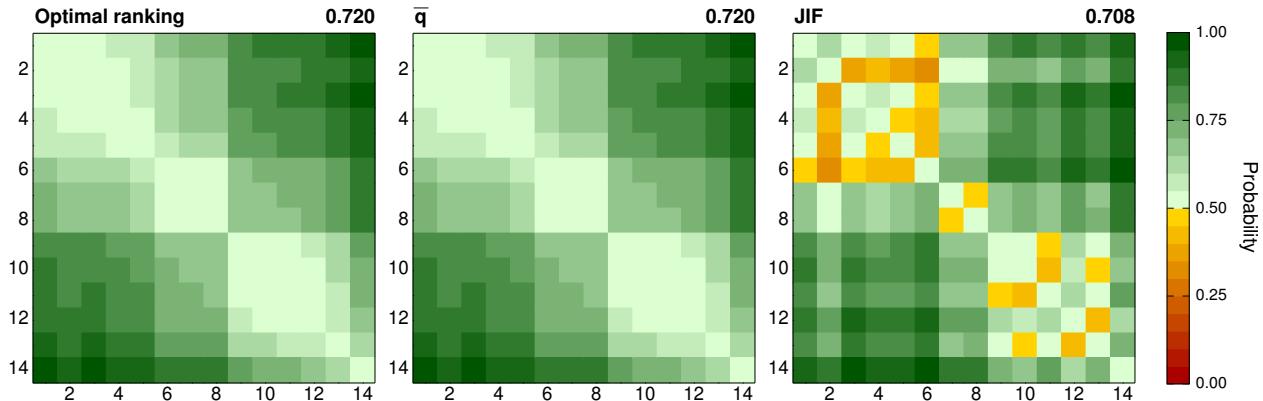
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|-----|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 68 | 61 | PEDIATR SURG INT | 0.62 | 0.34 | 4.0 | 3 | 0.653 | 1999–2001 |
| 69 | 57 | SURG TODAY | 0.58 | 0.36 | 4.5 | 3 | 0.698 | 1991–1992 |
| 70 | 64 | ZBL CHIR | 0.48 | 0.39 | 3.1 | 2 | 0.548 | 1995–1997 |
| 71 | 68 | ANN CHIR | 0.45 | 0.40 | 3.1 | 2 | 0.442 | 1991–2000 |
| 72 | 73 | REV CHIR ORTHOP | 0.43 | 0.41 | 3.2 | 2 | 0.344 | 1971–2001 |
| 73 | 70 | J CHIR-PARIS | 0.35 | 0.39 | 2.2 | 1 | 0.365 | 1975–1999 |
| 74 | 72 | ACTA CHIR BELG | 0.35 | 0.52 | 2.3 | 1 | 0.348 | 1993–1999 |

TELECOMMUNICATIONS

ISI Category Description Telecommunications covers resources on the technical and engineering aspects of communications over long distances via telephone, television, cable, fiber optics, radio, computer networks, telegraph, satellites, and so on. Other relevant topics include electronics, opto-electronics, radar and sonar navigation, communications systems, microwaves, antennas, and wave propagation.

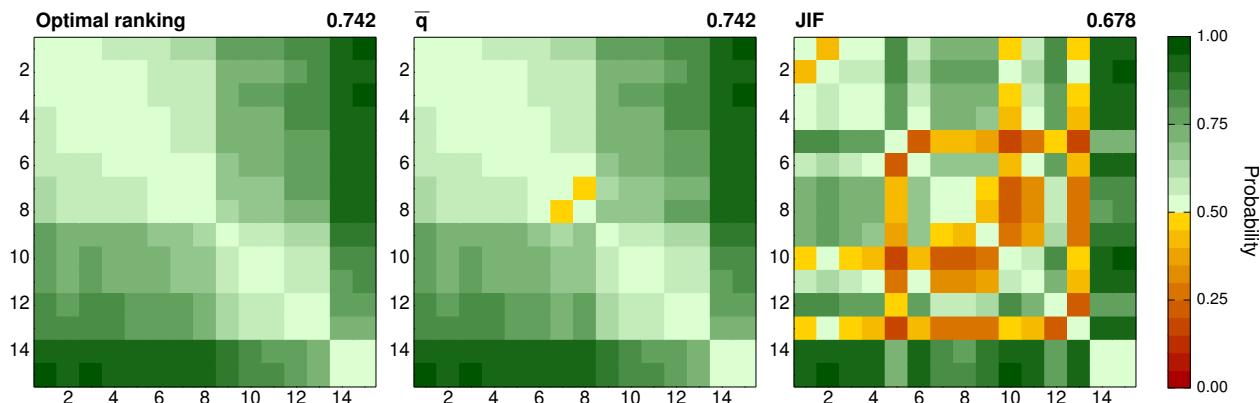


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 6 | IEEE T VEH TECHNOL | 1.01 | 0.42 | 23.4 | 8 | 1.071 | 1989–1993 |
| 2 | 1 | IEEE J SEL AREA COMM | 0.98 | 0.47 | 17.5 | 7 | 1.816 | 1988–2000 |
| 3 | 3 | IEEE T ANTENN PROPAG | 0.97 | 0.42 | 14.5 | 7 | 1.480 | 1969–1998 |
| 4 | 5 | RADIO SCI | 0.91 | 0.45 | 12.2 | 6 | 1.084 | 1965–1997 |
| 5 | 4 | IEEE T COMMUN | 0.86 | 0.48 | 14.0 | 5 | 1.208 | 1972–2001 |
| 6 | 2 | IEEE COMMUN MAG | 0.69 | 0.51 | 8.8 | 3 | 1.678 | 1996–2002 |
| 7 | 8 | IEEE T ELECTROMAGN C | 0.60 | 0.44 | 6.1 | 3 | 0.770 | 1966–2002 |
| 8 | 7 | IEEE T AERO ELEC SYS | 0.59 | 0.47 | 6.8 | 2 | 0.836 | 1971–1999 |
| 9 | 11 | IEICE T COMMUN | 0.25 | 0.44 | 2.3 | 1 | 0.290 | 1991–2000 |
| 10 | 9 | IEEE T CONSUM ELECTR | 0.18 | 0.45 | 1.9 | 1 | 0.727 | 1974–2002 |
| 11 | 13 | ANN TELECOMMUN | 0.15 | 0.47 | 1.6 | 0 | 0.168 | 1971–2001 |
| 12 | 10 | COMPUT COMMUN | 0.09 | 0.46 | 1.5 | 0 | 0.444 | 1990–2006 |
| 13 | 12 | MICROWAVE J | -0.09 | 0.51 | 1.0 | 0 | 0.223 | 1976–1998 |
| 14 | 14 | MICROWAVES RF | -0.57 | 0.46 | 0.2 | 0 | 0.045 | 1981–2005 |

THERMODYNAMICS

ISI Category Description Thermodynamics includes resources that focus on the areas of physics examining the transformations of matter and energy in physical and chemical processes, particularly those processes that involve the transfer of heat and changes in temperature. Relevant topics in this category include cooling and heating systems, cryogenics, refrigeration, combustion, energy conversion, and thermal stresses.

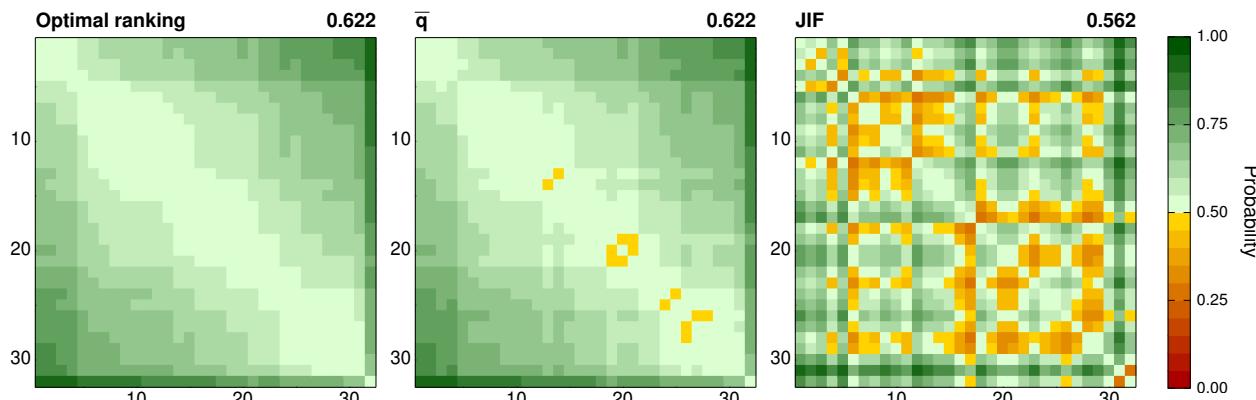


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| AUC | Rank JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|-------------|----------------------|---------------|----------|------|----|-------|------------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | COMBUST FLAME | 1.09 | 0.40 | 16.2 | 10 | 1.828 | 1957–1999 |
| 2 | 13 | COMBUST SCI TECHNOL | 1.04 | 0.42 | 15.0 | 9 | 0.651 | 1969–1992 |
| 3 | 10 | J HEAT TRANS-T ASME | 1.02 | 0.37 | 13.1 | 8 | 0.886 | 1978–1994 |
| 4 | 1 | J CHEM THERMODYN | 1.00 | 0.35 | 12.1 | 8 | 1.842 | 1983–1994 |
| 5 | 3 | FLUID PHASE EQUILIBR | 0.99 | 0.39 | 12.3 | 7 | 1.680 | 1987–1995 |
| 6 | 4 | INT J HEAT MASS TRAN | 0.93 | 0.34 | 10.4 | 7 | 1.482 | 1991–1997 |
| 7 | 6 | NUMER HEAT TR A-APPL | 0.88 | 0.34 | 8.8 | 6 | 0.936 | 1988–1992 |
| 8 | 11 | INT J THERMOPHYS | 0.88 | 0.39 | 9.2 | 6 | 0.793 | 1985–1997 |
| 9 | 9 | EXP THERM FLUID SCI | 0.65 | 0.36 | 5.9 | 3 | 0.894 | 1987–2000 |
| 10 | 7 | ENERGY | 0.58 | 0.43 | 4.7 | 2 | 0.935 | 1991–2001 |
| 11 | 8 | CRYOGENICS | 0.56 | 0.43 | 5.3 | 2 | 0.927 | 1977–1999 |
| 12 | 12 | INT COMMUN HEAT MASS | 0.46 | 0.38 | 3.2 | 2 | 0.708 | 1982–2002 |
| 13 | 5 | ENERG CONVERS MANAGE | 0.40 | 0.45 | 3.1 | 1 | 1.325 | 1987–2006 |
| 14 | 14 | COMBUST EXPLO SHOCK+ | -0.16 | 0.46 | 0.7 | 0 | 0.358 | 1972–2005 |
| 15 | 15 | ASHRAE J | -0.21 | 0.46 | 0.6 | 0 | 0.297 | 1971–2004 |

TOXICOLOGY

ISI Category Description Toxicology covers resources that focus on the identification, biochemistry, and effects of harmful substances, including the side effects of drugs, in animals, humans, and the environment.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | TOXICOL APPL PHARM | 1.34 | 0.36 | 27.8 | 19 | 4.722 | 1979–1995 |
| 2 | 5 | AQUAT TOXICOL | 1.32 | 0.32 | 26.1 | 19 | 2.964 | 1982–1996 |
| 3 | 3 | CHEM RES TOXICOL | 1.29 | 0.30 | 23.4 | 16 | 3.162 | 1997–1999 |
| 4 | 12 | ENVIRON TOXICOL CHEM | 1.31 | 0.36 | 25.0 | 18 | 2.202 | 1983–1995 |
| 5 | 2 | DRUGS | 1.23 | 0.39 | 22.7 | 14 | 4.472 | 1991–2001 |
| 6 | 9 | ENVIRON MOL MUTAGEN | 1.20 | 0.38 | 21.3 | 14 | 2.653 | 1985–1996 |
| 7 | 13 | NEUROTOXICOL TERATOL | 1.19 | 0.35 | 20.8 | 12 | 2.143 | 1979–1997 |
| 8 | 18 | ALCOHOL | 1.18 | 0.36 | 20.1 | 12 | 2.020 | 1987–1993 |
| 9 | 28 | ARCH ENVIRON CON TOX | 1.17 | 0.36 | 17.5 | 12 | 1.419 | 1975–1995 |
| 10 | 23 | CHEM-BIOL INTERACT | 1.15 | 0.35 | 17.8 | 12 | 1.800 | 1985–1995 |
| 11 | 14 | MUTAGENESIS | 1.15 | 0.35 | 18.4 | 12 | 2.125 | 1985–1993 |
| 12 | 10 | TOXICON | 1.15 | 0.37 | 16.9 | 11 | 2.509 | 1966–1997 |
| 13 | 29 | J ANAL TOXICOL | 1.12 | 0.34 | 15.9 | 11 | 1.242 | 1977–1996 |
| 14 | 7 | NEUROTOXICOLOGY | 1.12 | 0.40 | 17.1 | 11 | 2.718 | 1980–1997 |
| 15 | 15 | MAR ENVIRON RES | 1.11 | 0.37 | 15.7 | 10 | 2.106 | 1977–1997 |
| 16 | 8 | TOXICOLOGY | 1.06 | 0.34 | 13.7 | 9 | 2.685 | 1994–2000 |
| 17 | 4 | THER DRUG MONIT | 1.06 | 0.36 | 14.0 | 9 | 3.032 | 1980–2000 |
| 18 | 19 | ECOTOX ENVIRON SAFE | 1.06 | 0.37 | 13.7 | 9 | 2.000 | 1976–1999 |
| 19 | 22 | J TOXICOL ENV HEALTH | 1.03 | 0.38 | 14.6 | 8 | 1.811 | 1994–1996 |
| 20 | 11 | FOOD CHEM TOXICOL | 1.04 | 0.37 | 14.3 | 9 | 2.393 | 1981–1999 |
| 21 | 24 | ARCH TOXICOL | 1.04 | 0.49 | 14.9 | 9 | 1.787 | 1973–1999 |
| 22 | 27 | XENOBIOTICA | 0.98 | 0.36 | 12.3 | 7 | 1.613 | 1990–2001 |
| 23 | 25 | FOOD ADDIT CONTAM | 0.97 | 0.37 | 11.4 | 8 | 1.780 | 1985–2001 |
| 24 | 6 | TOXICOL LETT | 0.92 | 0.38 | 10.6 | 7 | 2.784 | 1976–2001 |
| 25 | 16 | TOXICOL PATHOL | 0.92 | 0.45 | 11.4 | 6 | 2.092 | 1986–2000 |

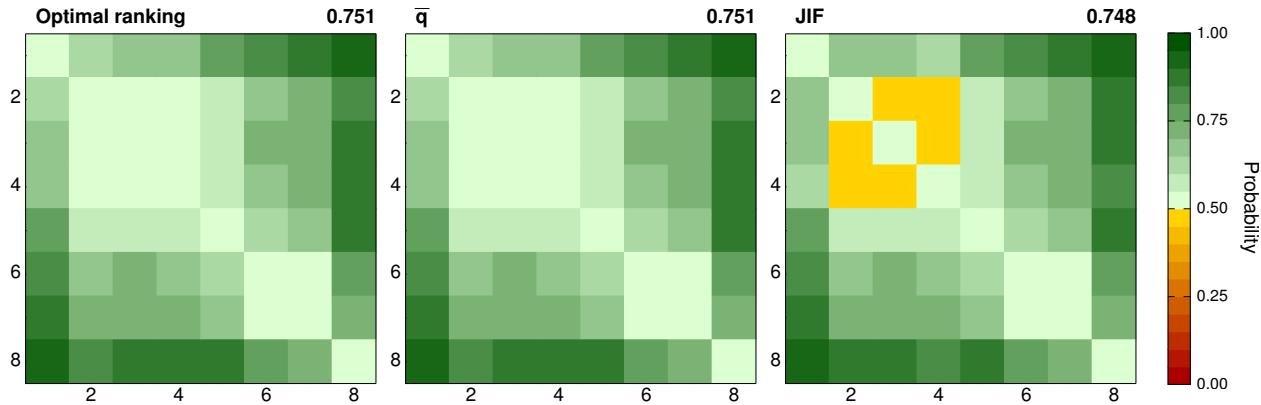
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| AUC | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state |
|-----|-----|----------------------|---------------|----------|------|----|-------|--------------|
| | | | \bar{q} | σ | | | | period |
| 26 | 20 | COMP BIOCHEM PHYS C | 0.89 | 0.37 | 9.5 | 6 | 1.991 | 1985–2002 |
| 27 | 21 | ANN OCCUP HYG | 0.89 | 0.40 | 10.4 | 6 | 1.919 | 1977–2001 |
| 28 | 30 | HUM EXP TOXICOL | 0.90 | 0.40 | 8.6 | 6 | 1.122 | 1989–2000 |
| 29 | 32 | B ENVIRON CONTAM TOX | 0.87 | 0.36 | 8.4 | 6 | 0.505 | 1987–1991 |
| 30 | 26 | J APPL TOXICOL | 0.87 | 0.39 | 8.7 | 5 | 1.625 | 1983–2000 |
| 31 | 17 | TOXICOL IN VITRO | 0.81 | 0.39 | 7.9 | 5 | 2.045 | 1986–2002 |
| 32 | 31 | VET HUM TOXICOL | 0.53 | 0.37 | 3.7 | 2 | 0.660 | 1997–2000 |

TRANSPLANTATION

ISI Category Description Transplantation covers resources that focus on the assimilation of grafted tissue and the reconstitution of removed organs or parts of organs. The coverage focuses on transplantation procedures and the maintenance of transplanted tissues or organs. Specific transplantation coverage focuses on heart, lung, kidney, and bone marrow.

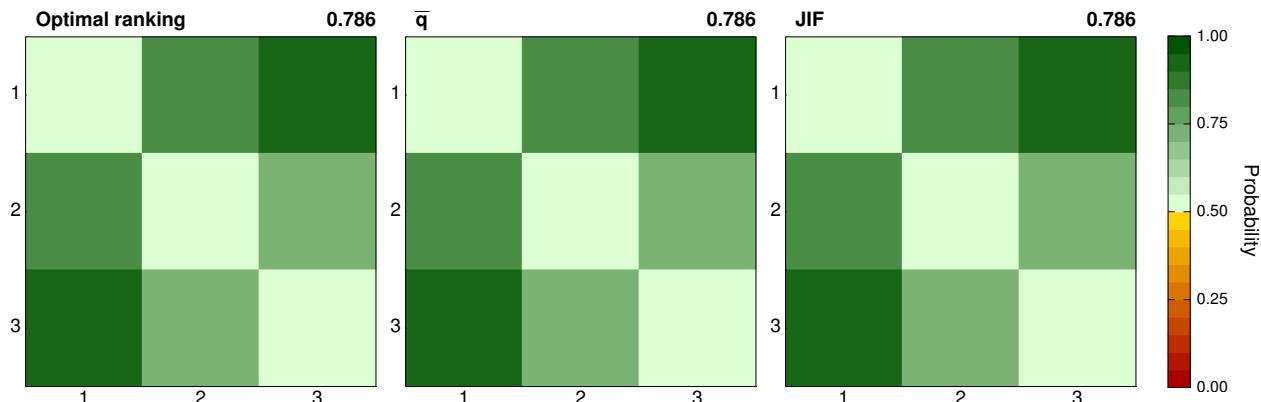


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| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | TRANSPLANTATION | | 1.42 | 0.38 | 35.2 | 22 | 3.972 | 1981–1995 |
| 2 | 4 | BONE MARROW TRANSPL | | 1.21 | 0.51 | 20.5 | 14 | 2.621 | 1993–1995 |
| 3 | 3 | J HEART LUNG TRANSPL | | 1.15 | 0.37 | 18.6 | 12 | 2.830 | 1990–1998 |
| 4 | 2 | NEPHROL DIAL TRANSPL | | 1.12 | 0.42 | 17.1 | 11 | 3.154 | 1987–1995 |
| 5 | 5 | CLIN TRANSPLANT | | 1.03 | 0.32 | 11.7 | 9 | 2.051 | 1997–2000 |
| 6 | 6 | ARTIF ORGANS | | 0.83 | 0.41 | 8.3 | 5 | 1.903 | 1978–1999 |
| 7 | 7 | INT J ARTIF ORGANS | | 0.74 | 0.40 | 7.0 | 4 | 1.253 | 1977–2001 |
| 8 | 8 | DIALYSIS TRANSPLANT | | 0.24 | 0.51 | 2.6 | 1 | 0.248 | 1977–2002 |

TRANSPORTATION SCIENCE & TECHNOLOGY

ISI Category Description Transportation Science & Technology covers resources on all aspects of the movement of goods and peoples as well as the design and maintenance of transportation systems. Topics covered in this category include logistics, vehicular design and technology, and transportation science and technology. Note: Resources that concentrate on transportation safety, policy, economics, and planning appear under the TRANSPORTATION category in the SSCI.

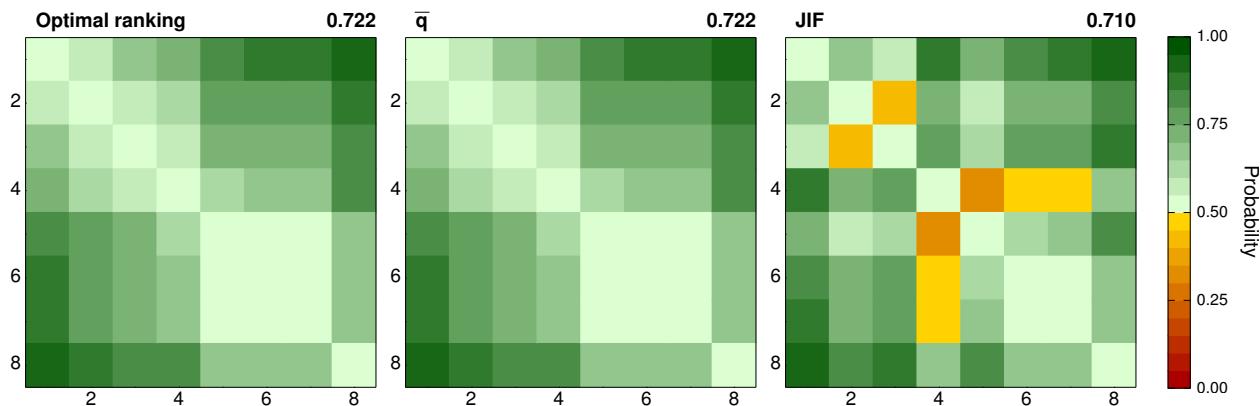


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| Rank | | | $p_{ss}(q J)$ | | | n | Steady-state period | |
|------|-----|----------------------|---------------|----------|-----------|----|---------------------|-----------|
| AUC | JIF | Journal abbreviation | \bar{q} | σ | \bar{n} | Q2 | JIF | |
| 1 | 1 | IEEE T VEH TECHNOL | 1.01 | 0.42 | 23.4 | 8 | 1.071 | 1989–1993 |
| 2 | 2 | J TRANSP ENG-ASCE | 0.31 | 0.42 | 2.3 | 1 | 0.410 | 1983–2002 |
| 3 | 3 | ITE J | -0.33 | 0.47 | 0.4 | 0 | 0.132 | 1977–2004 |

TROPICAL MEDICINE

ISI Category Description Tropical Medicine covers resources on the study and treatment of disease, parasites, and other medical conditions unique to or originating in tropical regions.

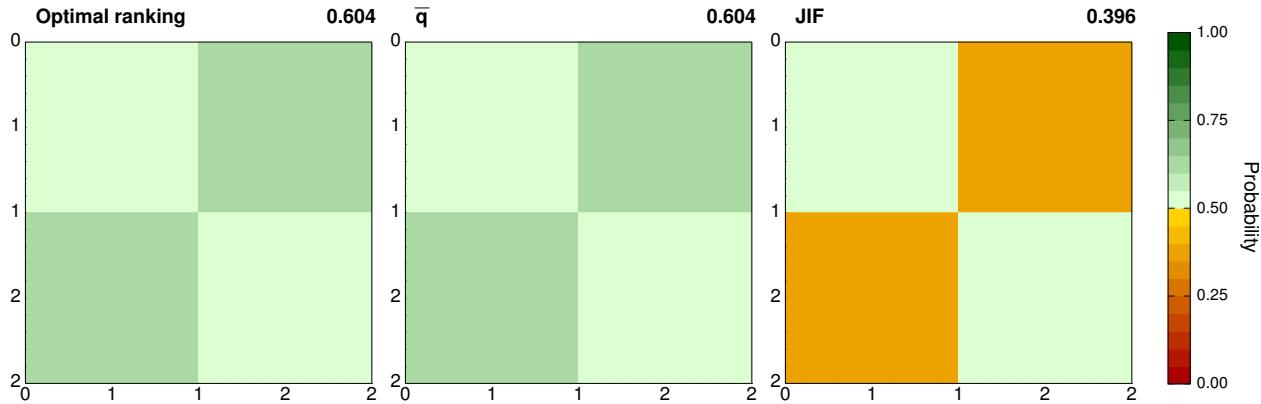


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|-----|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 1 | 1 | AM J TROP MED HYG | 1.25 | 0.37 | 22.2 | 15 | 2.546 | 1964–1996 |
| 2 | 3 | 3 | T ROY SOC TROP MED H | 1.10 | 0.40 | 17.0 | 10 | 2.030 | 1964–1998 |
| 3 | 2 | 2 | ACTA TROP | 1.02 | 0.39 | 12.8 | 9 | 2.211 | 1977–1997 |
| 4 | 5 | 5 | ANN TROP MED PARASIT | 0.89 | 0.38 | 9.1 | 6 | 1.191 | 1987–2000 |
| 5 | 6 | 6 | ANN TROP PAEDIATR | 0.67 | 0.37 | 5.2 | 3 | 0.934 | 1985–1998 |
| 6 | 7 | 7 | J TROP PEDIATRICS | 0.63 | 0.38 | 4.6 | 3 | 0.592 | 1979–2000 |
| 7 | 4 | 4 | MEM I OSWALDO CRUZ | 0.60 | 0.39 | 4.5 | 3 | 1.208 | 1971–2001 |
| 8 | 8 | 8 | TROP DOCT | 0.32 | 0.42 | 2.2 | 1 | 0.291 | 1977–2000 |

URBAN STUDIES

ISI Category Description Urban Studies covers resources concerned with the social aspects of city planning and urban design. Topics covered include the effects of the urban environment on the individual, the effects of urbanization on the natural environment, urban economics, urban technology, housing planning, urban education, and urban law.

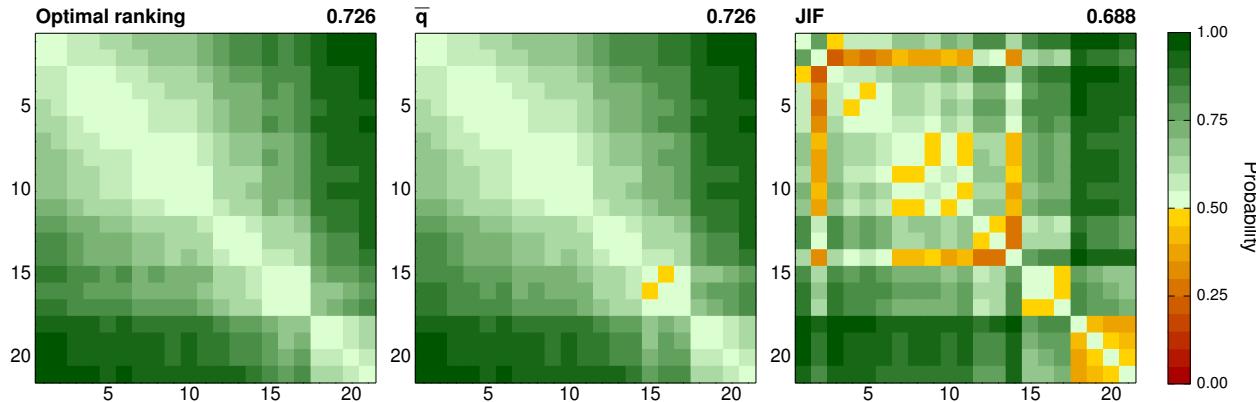


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| Rank | | | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|------|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| AUC | Rank | Journal abbreviation | \bar{q} | σ | | | | |
| 1 | 2 | URBAN STUD | 0.83 | 0.39 | 8.7 | 5 | 0.992 | 1963–2002 |
| 2 | 1 | LANDSCAPE URBAN PLAN | 0.67 | 0.41 | 5.3 | 3 | 2.029 | 1985–2004 |

UROLOGY & NEPHROLOGY

ISI Category Description Urology & Nephrology covers resources on the diagnosis and treatment of diseases of the genitourinary tract and kidneys. This category includes general urology and nephrology as well as specialty resources on the prostate, dialysis and other blood purification techniques, transplantation, and renal failure.

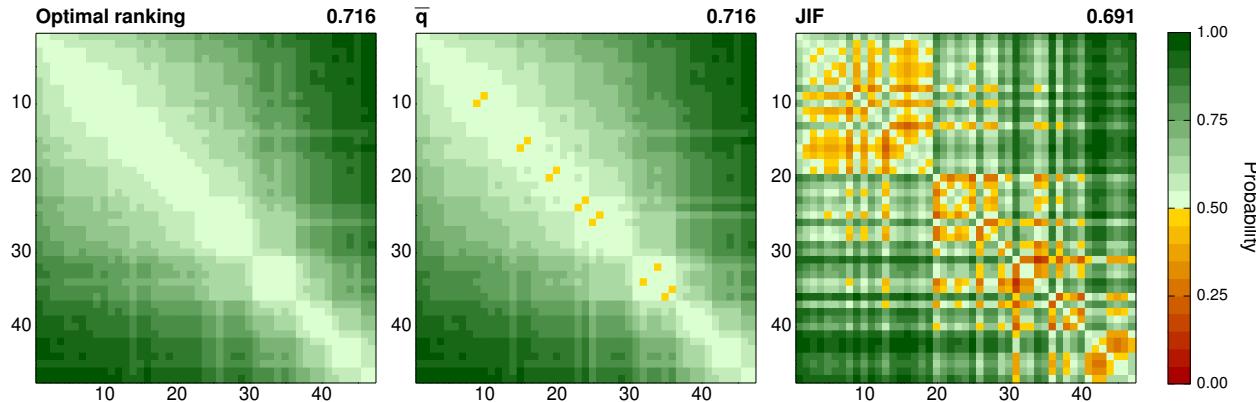


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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 3 | KIDNEY INT | 1.42 | 0.44 | 40.2 | 23 | 4.773 | 1987–1991 |
| 2 | 1 | J AM SOC NEPHROL | 1.38 | 0.35 | 29.8 | 21 | 7.371 | 1989–2002 |
| 3 | 5 | J UROLOGY | 1.30 | 0.40 | 28.9 | 17 | 3.956 | 1989–1995 |
| 4 | 4 | AM J KIDNEY DIS | 1.28 | 0.41 | 27.3 | 16 | 4.072 | 1995–1998 |
| 5 | 6 | PROSTATE | 1.25 | 0.45 | 23.7 | 15 | 3.724 | 1986–2000 |
| 6 | 14 | CLIN NEPHROL | 1.22 | 0.37 | 20.6 | 14 | 1.418 | 1973–1994 |
| 7 | 9 | UROLOGY | 1.17 | 0.45 | 21.6 | 12 | 2.130 | 1995–1998 |
| 8 | 11 | UROL CLIN N AM | 1.14 | 0.39 | 18.2 | 12 | 1.819 | 1977–2001 |
| 9 | 7 | NEPHROL DIAL TRANSPL | 1.12 | 0.42 | 17.1 | 11 | 3.154 | 1987–1995 |
| 10 | 8 | AM J NEPHROL | 1.11 | 0.39 | 16.2 | 10 | 2.879 | 1981–1995 |
| 11 | 10 | PEDIATR NEPHROL | 1.07 | 0.39 | 14.3 | 10 | 2.007 | 1986–1995 |
| 12 | 2 | EUR UROL | 0.95 | 0.39 | 10.8 | 7 | 4.850 | 1989–2003 |
| 13 | 13 | UROL RES | 0.87 | 0.38 | 8.8 | 6 | 1.449 | 1972–2000 |
| 14 | 12 | J ENDOUROL | 0.85 | 0.40 | 9.0 | 5 | 1.536 | 1991–2000 |
| 15 | 17 | RENAL FAILURE | 0.71 | 0.38 | 5.7 | 4 | 0.699 | 1986–2000 |
| 16 | 15 | SCAND J UROL NEPHROL | 0.71 | 0.61 | 7.6 | 3 | 1.089 | 1971–1994 |
| 17 | 16 | UROL INT | 0.63 | 0.39 | 5.3 | 3 | 0.709 | 1963–1999 |
| 18 | 21 | DIALYSIS TRANSPLANT | 0.24 | 0.51 | 2.6 | 1 | 0.248 | 1977–2002 |
| 19 | 20 | ANN UROL | 0.22 | 0.39 | 1.6 | 1 | 0.338 | 1971–2000 |
| 20 | 19 | AKTUEL UROL | 0.11 | 0.47 | 1.5 | 0 | 0.400 | 1973–2000 |
| 21 | 18 | NEFROLOGIA | -0.07 | 0.44 | 0.7 | 0 | 0.609 | 2002–2005 |

VETERINARY SCIENCES

ISI Category Description Veterinary Sciences covers resources concerning both the research and clinical aspects of animal health, diseases, injuries, nutrition, reproduction, and public health. This category includes materials on companion, farm, zoo, laboratory, wild, and aquatic animals.



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| AUC | Rank | | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | Rank | JIF | | \bar{q} | σ | | | | |
| 1 | 1 | VACCINE | | 1.23 | 0.36 | 20.9 | 14 | 3.159 | 1987–1998 |
| 2 | 16 | VET PATHOL | | 1.19 | 0.36 | 17.8 | 13 | 1.188 | 1970–1993 |
| 3 | 11 | DIS AQUAT ORGAN | | 1.15 | 0.35 | 16.3 | 11 | 1.509 | 1984–1999 |
| 4 | 9 | EQUINE VET J | | 1.14 | 0.35 | 15.9 | 11 | 1.730 | 1975–1998 |
| 5 | 17 | APPL ANIM BEHAV SCI | | 1.11 | 0.38 | 15.3 | 11 | 1.177 | 1983–1994 |
| 6 | 2 | VET MICROBIOL | | 1.09 | 0.35 | 14.3 | 10 | 2.073 | 1975–2000 |
| 7 | 15 | AM J VET RES | | 1.09 | 0.33 | 14.0 | 10 | 1.241 | 1987–1996 |
| 8 | 4 | VET IMMUNOL IMMUNOP | | 1.07 | 0.35 | 13.3 | 10 | 1.994 | 1979–1999 |
| 9 | 7 | THERIOGENOLOGY | | 1.06 | 0.37 | 14.5 | 9 | 1.898 | 1994–2000 |
| 10 | 19 | VET SURG | | 1.06 | 0.35 | 12.3 | 9 | 1.121 | 1981–1998 |
| 11 | 12 | AVIAN DIS | | 1.04 | 0.38 | 13.9 | 9 | 1.369 | 1960–1998 |
| 12 | 14 | RES VET SCI | | 1.03 | 0.35 | 12.7 | 8 | 1.258 | 1984–1995 |
| 13 | 3 | MED VET ENTOMOL | | 1.02 | 0.37 | 12.3 | 8 | 2.033 | 1987–1998 |
| 14 | 18 | VET REC | | 1.01 | 0.48 | 14.2 | 8 | 1.168 | 1970–1995 |
| 15 | 6 | VET PARASITOL | | 0.97 | 0.35 | 11.4 | 7 | 1.900 | 1975–2001 |
| 16 | 25 | J AM ANIM HOSP ASSOC | | 0.97 | 0.33 | 9.9 | 7 | 0.818 | 1991–1997 |
| 17 | 5 | J MED ENTOMOL | | 0.96 | 0.39 | 11.5 | 7 | 1.950 | 1966–1998 |
| 18 | 28 | J SMALL ANIM PRACT | | 0.95 | 0.41 | 10.4 | 7 | 0.717 | 1967–1998 |
| 19 | 22 | J COMP PATHOL | | 0.91 | 0.37 | 9.4 | 6 | 0.939 | 1981–1999 |
| 20 | 27 | VET CLIN N AM-SMALL | | 0.91 | 0.40 | 9.1 | 6 | 0.732 | 1979–2000 |
| 21 | 10 | PREV VET MED | | 0.88 | 0.38 | 9.9 | 6 | 1.533 | 1983–2002 |
| 22 | 34 | AUST VET J | | 0.89 | 0.37 | 9.0 | 6 | 0.571 | 1988–1995 |
| 23 | 8 | AVIAN PATHOL | | 0.84 | 0.34 | 7.6 | 5 | 1.809 | 1994–2001 |
| 24 | 24 | VET RADIOL ULTRASOUN | | 0.85 | 0.46 | 7.7 | 5 | 0.821 | 1991–1997 |

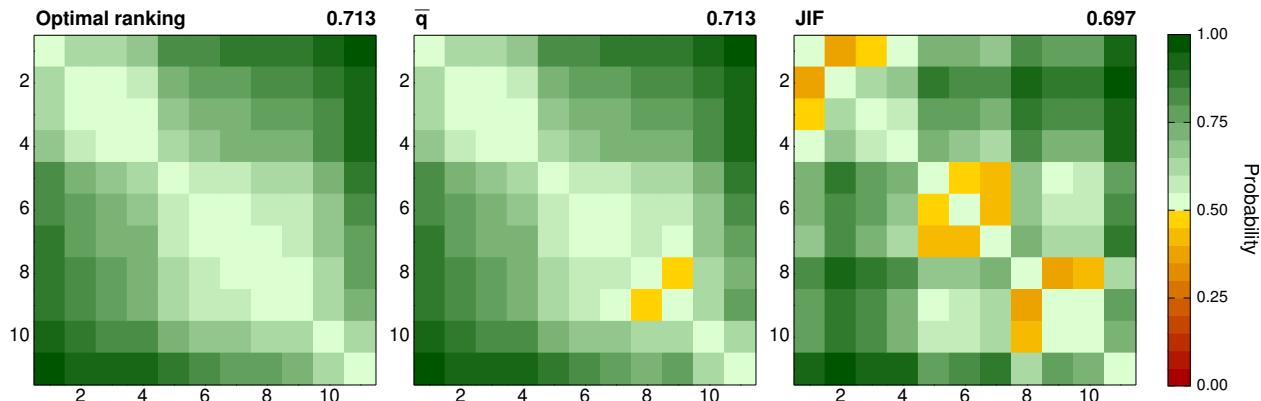
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| AUC | Rank | Journal abbreviation | $P_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 35 | COMP CONT EDUC PRACT | 0.81 | 0.42 | 7.1 | 5 | 0.550 | 1981–1997 |
| 26 | 37 | ACTA VET SCAND | 0.81 | 0.52 | 8.5 | 5 | 0.375 | 1964–1998 |
| 27 | 21 | J WILDLIFE DIS | 0.80 | 0.41 | 6.8 | 5 | 0.987 | 1998–2001 |
| 28 | 13 | J VET MED B | 0.78 | 0.38 | 6.9 | 4 | 1.356 | 1985–1999 |
| 29 | 23 | J VET MED SCI | 0.74 | 0.35 | 6.1 | 4 | 0.827 | 1990–1993 |
| 30 | 30 | J VET MED A | 0.71 | 0.39 | 5.5 | 4 | 0.627 | 1986–1998 |
| 31 | 40 | J ZOO WILDLIFE MED | 0.61 | 0.39 | 4.8 | 3 | 0.322 | 1984–1999 |
| 32 | 32 | BERL MUNCH TIERARZTL | 0.55 | 0.41 | 4.2 | 2 | 0.611 | 1975–2001 |
| 33 | 20 | J ANIM PHYSIOL AN N | 0.56 | 0.39 | 3.7 | 3 | 1.075 | 1995–2001 |
| 34 | 33 | CAN VET J | 0.57 | 0.51 | 5.0 | 2 | 0.606 | 1986–1997 |
| 35 | 29 | VET HUM TOXICOL | 0.53 | 0.37 | 3.7 | 2 | 0.660 | 1997–2000 |
| 36 | 26 | SCHWEIZ ARCH TIERH | 0.55 | 0.44 | 3.9 | 2 | 0.789 | 1976–2000 |
| 37 | 39 | DEUT TIERARZTL WOCH | 0.39 | 0.43 | 2.8 | 1 | 0.350 | 1979–2001 |
| 38 | 45 | VET MED-US | 0.34 | 0.43 | 2.8 | 1 | 0.145 | 1984–1994 |
| 39 | 46 | KLEINTIERPRAXIS | 0.27 | 0.42 | 1.9 | 1 | 0.080 | 1977–1999 |
| 40 | 44 | REV MED VET-TOULOUSE | 0.27 | 0.43 | 2.0 | 1 | 0.154 | 1975–1997 |
| 41 | 38 | J EQUINE VET SCI | 0.19 | 0.51 | 1.8 | 0 | 0.366 | 1993–2003 |
| 42 | 36 | WIEN TIERARZTL MONAT | 0.08 | 0.45 | 1.1 | 0 | 0.409 | 2000–2005 |
| 43 | 41 | PRAKT TIERARZT | 0.04 | 0.44 | 1.1 | 0 | 0.194 | 1976–2004 |
| 44 | 47 | INDIAN VET J | 0.04 | 0.38 | 0.9 | 0 | 0.036 | 1979–1997 |
| 45 | 31 | VET MED-CZECH | 0.02 | 0.52 | 1.6 | 0 | 0.624 | 2002–2006 |
| 46 | 43 | MAGY ALLATORVOSOK | -0.16 | 0.42 | 0.5 | 0 | 0.155 | 1982–2005 |
| 47 | 42 | TIJDSCHR DIERGENEESK | -0.19 | 0.41 | 0.5 | 0 | 0.188 | 1995–2005 |

VIROLOGY

ISI Category Description Virology includes resources dealing with all aspects of viral organisms and host-virus interactions. Resources in this category cover the molecular, biochemical, and cellular studies of plant-, animal-, and human-specific viruses, as well as bacteriophages. This category also contains materials on medical virology and pathogenesis and treatment of viral diseases.

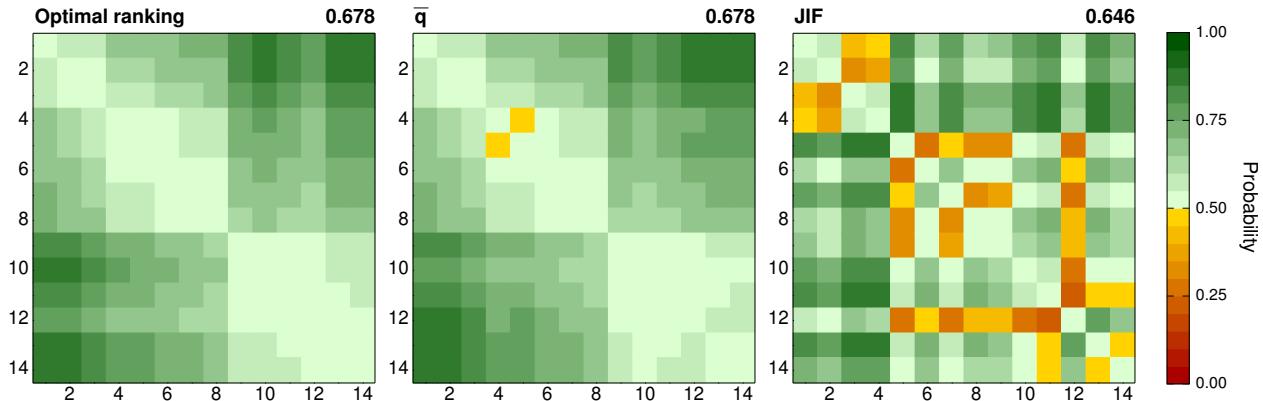


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 2 | J VIROL | 1.67 | 0.32 | 57.9 | 42 | 5.341 | 1991–1994 |
| 2 | 3 | VIROLOGY | 1.53 | 0.35 | 41.1 | 30 | 3.525 | 1986–1992 |
| 3 | 1 | AIDS | 1.49 | 0.38 | 37.7 | 27 | 5.632 | 1987–1999 |
| 4 | 4 | J GEN VIROL | 1.42 | 0.37 | 34.8 | 22 | 3.110 | 1985–1991 |
| 5 | 7 | J MED VIROL | 1.23 | 0.38 | 21.2 | 14 | 2.779 | 1976–1999 |
| 6 | 6 | VIRUS RES | 1.13 | 0.34 | 16.8 | 11 | 2.783 | 1989–1996 |
| 7 | 5 | ANTIVIR RES | 1.11 | 0.41 | 16.6 | 11 | 2.878 | 1980–1999 |
| 8 | 9 | J VIROL METHODS | 1.03 | 0.37 | 14.1 | 9 | 2.097 | 1979–2000 |
| 9 | 10 | ARCH VIROL | 1.03 | 0.47 | 14.0 | 9 | 1.850 | 1974–1997 |
| 10 | 8 | AIDS RES HUM RETROV | 0.81 | 0.41 | 9.2 | 4 | 2.513 | 1985–1986 |
| 11 | 11 | ACTA VIROL | 0.59 | 0.36 | 4.1 | 3 | 0.788 | 1984–2001 |

WATER RESOURCES

ISI Category Description Water Resources covers resources concerning a number of water-related topics. These include desalination, ground water monitoring and remediation, hydrology, irrigation and drainage science and technology, water quality, hydraulic engineering, ocean and coastal management, river research and management, waterways and ports.

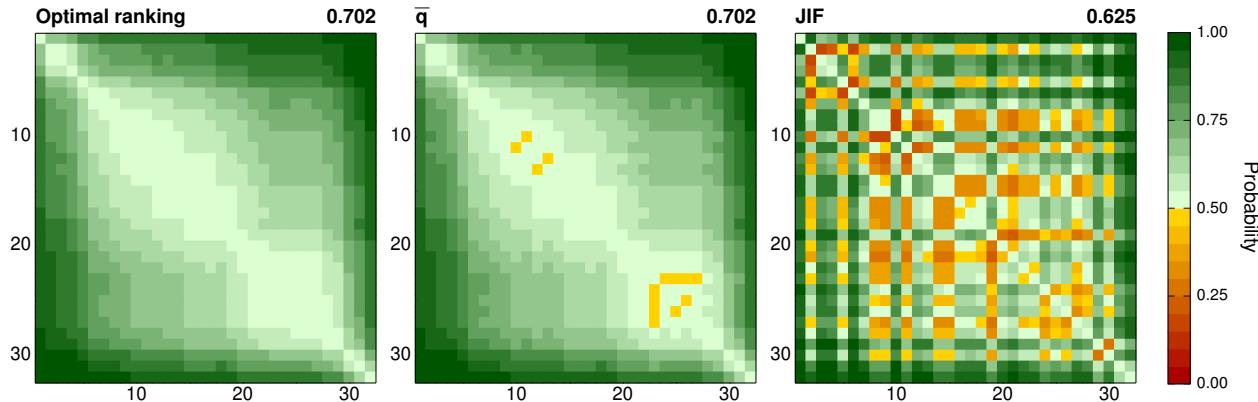


The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | JIF | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|----------------------|---------------|----------|------|----|-------|---------------------|
| | | | | \bar{q} | σ | | | | |
| 1 | 3 | WATER RESOUR RES | WATER RESOUR RES | 1.34 | 0.44 | 33.2 | 19 | 1.894 | 1981–1992 |
| 2 | 4 | CLAY CLAY MINER | CLAY CLAY MINER | 1.22 | 0.32 | 20.1 | 15 | 1.423 | 1990–1994 |
| 3 | 1 | WATER RES | WATER RES | 1.18 | 0.37 | 20.5 | 13 | 2.459 | 1966–1998 |
| 4 | 2 | J HYDROL | J HYDROL | 1.07 | 0.37 | 13.5 | 10 | 2.117 | 1991–2000 |
| 5 | 12 | WATER ENVIRON RES | WATER ENVIRON RES | 1.07 | 0.44 | 14.0 | 9 | 0.665 | 1991–1996 |
| 6 | 6 | WATER AIR SOIL POLL | WATER AIR SOIL POLL | 1.00 | 0.41 | 13.9 | 8 | 1.205 | 1974–1995 |
| 7 | 8 | GROUND WATER | GROUND WATER | 0.97 | 0.41 | 12.6 | 7 | 1.117 | 1984–1998 |
| 8 | 9 | J HYDRAUL ENG-ASCE | J HYDRAUL ENG-ASCE | 0.94 | 0.45 | 12.2 | 7 | 1.004 | 1982–1995 |
| 9 | 7 | AGR WATER MANAGE | AGR WATER MANAGE | 0.71 | 0.40 | 6.0 | 4 | 1.122 | 1977–2002 |
| 10 | 5 | J IRRIG DRAIN E-ASCE | J IRRIG DRAIN E-ASCE | 0.63 | 0.39 | 5.0 | 3 | 1.250 | 1982–2002 |
| 11 | 10 | J SOIL WATER CONSERV | J SOIL WATER CONSERV | 0.65 | 0.49 | 7.0 | 3 | 0.949 | 1966–2002 |
| 12 | 14 | J AM WATER WORKS ASS | J AM WATER WORKS ASS | 0.68 | 0.65 | 9.8 | 3 | 0.431 | 1977–1994 |
| 13 | 13 | ACTA HYDROCH HYDROB | ACTA HYDROCH HYDROB | 0.55 | 0.43 | 4.5 | 2 | 0.632 | 1991–2001 |
| 14 | 11 | DESALINATION | DESALINATION | 0.53 | 0.46 | 5.3 | 2 | 0.917 | 1975–1997 |

ZOOLOGY

ISI Category Description Zoology covers resources concerning a broad range of topics on the study of animals. This category ranges from animal behavior and animal physiology to some aspects of animal ecology. The category does not include veterinary medicine, ornithology, or most aspects of entomology.



The color of each cell represents the probability of picking a paper with more citations from the higher-ranked journal. Green cells indicate adequate ranking, whereas red cells indicate that the ranking is inadequate (the probability is less than $\frac{1}{2}$). The value of M , the multi-class AUC statistic for each ranking scheme, is above each matrix.

| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-------|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 1 | 1 | J COMP NEUROL | 1.82 | 0.40 | 105.9 | 63 | 3.831 | 1969–1980 |
| 2 | 6 | BEHAV ECOL SOCIOBIOL | 1.60 | 0.31 | 44.4 | 36 | 2.316 | 1978–1990 |
| 3 | 3 | J ANIM ECOL | 1.57 | 0.34 | 47.5 | 33 | 3.390 | 1954–1996 |
| 4 | 4 | ANIM BEHAV | 1.51 | 0.33 | 38.6 | 28 | 2.711 | 1975–1993 |
| 5 | 10 | J COMP PHYSIOL A | 1.37 | 0.31 | 26.4 | 21 | 1.751 | 1984–1989 |
| 6 | 12 | J MAMMAL | 1.27 | 0.34 | 22.3 | 16 | 1.549 | 1965–1988 |
| 7 | 7 | ETHOLOGY | 1.25 | 0.34 | 19.7 | 15 | 2.245 | 1985–1993 |
| 8 | 21 | BEHAVIOUR | 1.21 | 0.33 | 18.4 | 13 | 1.165 | 1988–1998 |
| 9 | 13 | J WILDLIFE MANAGE | 1.19 | 0.34 | 18.3 | 13 | 1.538 | 1984–1995 |
| 10 | 17 | J ZOOL | 1.17 | 0.36 | 18.0 | 12 | 1.413 | 1986–1991 |
| 11 | 16 | AM J PRIMATOL | 1.18 | 0.43 | 17.4 | 13 | 1.429 | 1980–1998 |
| 12 | 20 | J INVERTEBR PATHOL | 1.12 | 0.35 | 15.7 | 11 | 1.235 | 1965–1995 |
| 13 | 27 | COPEIA | 1.12 | 0.39 | 16.8 | 11 | 0.840 | 1961–1994 |
| 14 | 18 | CAN J ZOOL | 1.11 | 0.37 | 15.7 | 10 | 1.393 | 1980–1996 |
| 15 | 23 | HERPETOLOGICA | 1.07 | 0.38 | 15.1 | 9 | 1.019 | 1977–1997 |
| 16 | 5 | REPROD FERT DEVELOP | 1.07 | 0.37 | 14.5 | 10 | 2.541 | 1988–1998 |
| 17 | 2 | DEV COMP IMMUNOL | 1.06 | 0.41 | 14.2 | 9 | 3.399 | 1976–2001 |
| 18 | 22 | WILDLIFE RES | 1.05 | 0.32 | 11.6 | 9 | 1.032 | 1990–1997 |
| 19 | 28 | J HERPETOL | 1.01 | 0.36 | 11.6 | 8 | 0.795 | 1976–1995 |
| 20 | 25 | AUST J ZOOL | 0.98 | 0.40 | 10.9 | 7 | 0.933 | 1975–1995 |
| 21 | 30 | J NEMATOL | 0.93 | 0.36 | 10.1 | 7 | 0.771 | 1968–1998 |
| 22 | 8 | COMP BIOCHEM PHYS C | 0.89 | 0.37 | 9.5 | 6 | 1.991 | 1985–2002 |
| 23 | 11 | COMP BIOCHEM PHYS A | 0.87 | 0.36 | 8.6 | 6 | 1.553 | 1986–2002 |
| 24 | 14 | COMP BIOCHEM PHYS B | 0.87 | 0.35 | 8.6 | 6 | 1.532 | 1987–2001 |

table continues on next page ...

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| AUC | Rank | Journal abbreviation | $p_{ss}(q J)$ | | n | Q2 | JIF | Steady-state period |
|-----|------|----------------------|---------------|----------|-----|----|-------|---------------------|
| | | | \bar{q} | σ | | | | |
| 25 | 9 | REPROD NUTR DEV | 0.87 | 0.40 | 9.1 | 6 | 1.817 | 1979–2000 |
| 26 | 15 | BEHAV PROCESS | 0.87 | 0.39 | 9.0 | 5 | 1.478 | 1975–2000 |
| 27 | 26 | WILDLIFE SOC B | 0.87 | 0.40 | 8.7 | 6 | 0.843 | 1983–1998 |
| 28 | 24 | J THERM BIOL | 0.80 | 0.39 | 7.6 | 5 | 0.950 | 1976–2000 |
| 29 | 19 | ZOOL SCI | 0.76 | 0.40 | 6.9 | 4 | 1.240 | 1984–2000 |
| 30 | 29 | ZOOL ANZ | 0.55 | 0.40 | 4.2 | 2 | 0.775 | 1975–2003 |
| 31 | 31 | REV SUISSE ZOOL | 0.39 | 0.42 | 2.8 | 1 | 0.474 | 1976–2002 |
| 32 | 32 | ZOOL ZH | 0.11 | 0.42 | 1.2 | 0 | 0.219 | 1995–2003 |